



TDWG
Biodiversity Information Standards
27 October - 1 November 2013
Grand Hotel Mediterraneo
Florence, Italy

Twitter: #tdwg

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Date-Time	Plenary (290) Sala dei Continenti	Theatre I (55) America del Nord	Theatre II (35) America del Sud	Theatre III (30) Giardino d'Inverno	Half-Day Tours	Full-Day Tours
Sat Oct. 26 09:00 - 12:30						
Sat Oct. 26 14:00 - 17:00						Tour: Pisa - Lunch in Lucca and Tour of the City by Bicycle (15 to 24 persons)
Sat 17:00 - 17:30						
Sun Oct. 27 09:00 - 12:30		Executive Meeting		VIBRANT (closed meeting)		Tour: Discovering Florence (15 to 25 persons)
Sun Oct. 27 14:00 - 15:00						
Sun Oct. 27 15:00 - 15:30						
Sun Oct. 27 15:30 - 17:00	Registration (15:00 - 18:15)		TAG		Tour: Chianti Half-Day (15 to 25 persons)	
Sun Oct. 27 17:00 - 18:00						
Sun Oct. 27 18:00 - 18:30						
Sun Oct. 27 18:30 - 19:00						
Sun Oct. 27 19:00 - 21:00						
Reception at "La Specola" University of Florence						

Date-Time	Plenary (290) Sala dei Continenti	Theatre I (55) America del Nord	Theatre II (35) America del Sud	Theatre III (30) Giardino d'inverno	Half-Day Tours	Full-Day Tours
Day 1						
Mon Oct. 28 08:00 - 09:00	Registration (until 17:00)					
Mon Oct. 28 09:00 - 09:30	Chairman's Welcome & Address					
Mon Oct. 28 09:30 - 10:30	KeyNote: Eric Meyer					
AM Break 10:30 - 11:00	Posters, Coffee Break: Salone degli Oceani					
Mon Oct. 28 11:00 - 12:30	Sym: eCollaboration					
Lunch						
Mon Oct. 28 14:00 - 15:30	Sym: eCollaboration	Sym: Data Quality	Workshop: Documenting Darwin Core (DwC) - 1			
PM Break 15:30 - 16:00	Posters, Coffee Break: Salone degli Oceani					
Mon Oct. 28 16:00 - 17:30	Sym: eCollaboration	Sym: Data Quality	Workshop: Documenting Darwin Core (DwC) - 2	Economic Botany IG		
Mon Oct. 28 17:30 - 19:00						Tour: Venice (min 10 persons)
Day 2						
Tue Oct. 29 08:00 - 09:00	Registration (until 17:00)					
Tue Oct. 29 09:00 - 09:30	Pre-election buzz					
Tue Oct. 29 09:30 - 10:30	KeyNote: Andrew Cottam					
AM Break 10:30 - 11:00	Posters, Coffee Break: Salone degli Oceani					
Tue Oct. 29 11:00 - 12:30	Sym: Crowdsourcing	Sym: Biodiversity Heritage Library	Workshop: Documenting Darwin Core (DwC) - 3	Annotations IG		
Lunch						
Tue Oct. 29 14:00 - 15:30	Sym: Services and Workflows	Sym: Data Quality	Workshop: Cooperative Development	Audubon Core		
PM Break 15:30 - 16:00	Posters, Coffee Break: Salone degli Oceani					
Tue Oct. 29 16:00 - 17:00	Primer on Semantic technologies	Contributed presentations 1		Biological Descriptions & IDs (30 min)		
Tue Oct. 29 17:00 - 17:30	Lightning Talks					
Tour: Siena and San Gimignano with Visit and Lunch at Winery (15 to 24 persons)						
Tour: Florence with Visit at the Uffizi Gallery (min 7 persons)						

Date-Time	Plenary (290) Sala dei Continenti	Theatre I (55) America del Nord	Theatre II (35) America del Sud	Theatre III (30) Giardino d'Inverno	Half-Day Tours	Full-Day Tours
Day 3						
Wed. Oct.30	08:00 - 09:00 Registration (until 17:00)					
Wed Oct. 30	09:00 - 09:30 Interest/Task Group Reports					
Oct. 30	09:30 - 10:30 Key Note: Stefano Nativi					
AM Break	10:30 - 11:00	Posters, Coffee Break: Salone degli Oceani				
Wed Oct. 30	11:00 - 12:30	Workshop: BioCase/OpenUp!	Workshop: Documenting Darwin Core (DwC) - 4	Genomic Biodiversity IG		
Lunch 12:30-13:40						
Wed. Oct.30	13:45 - 14:20	Business Meeting				Tour: Rome (min 10 people)
Wed Oct. 30	14:30 - 16:00	Sym: Semantic Technologies	Sym: Scholarly Data Publishing	Contributed presentations 2		
PM Break	15:30 - 16:00	Posters, Coffee Break: Salone degli Oceani				
Wed Oct. 30	16:30 - 18:00	Sym: Mobilizing African Biodiversity (feature JRS Award Winner talks)	Sym: DwC Archives	Contributed presentations 3	Tour: Florence with Visit at the Accademia Gallery (min. 7 persons)	
Wed Oct. 30	18:00 - 19:00			Interest group on semantic tools and ontologies		
Day 4						
Thu Oct. 31	08:00 - 09:00	Registration (until 14:00)				
Thu Oct. 31	09:00 - 10:30	Sym: Taxonomic Names	Workshop: Phylogenetics	Sym: Vocabulary Management - I		
AM Break	10:30 - 11:00	Posters, Coffee Break: Salone degli Oceani				
Thu Oct. 31	11:00 - 12:30	Sym: Taxonomic Names	Workshop: Phylogenetics	Contributed presentations 4		Cooking Class: San Donato Farm (7 to 16 persons)
Lunch						
Thu Oct. 31	14:00 - 14:30					
Thu Oct. 31	14:30 - 15:00					
Thu Oct. 31	15:00 - 16:00					
Thu Oct. 31	16:00 - 17:30			[TAG]	Tour: Special Opening of Vasari Corridor (15 to 25 people)	Tour: Pisa Galileo Galilei (15 to 25 people)
Thu Oct. 31	17:30 - 18:00					
Thu Oct. 31	18:00 - 18:30					
Thu Oct. 31	18:30 - 19:00					
Thu Oct. 31	19:00 - 21:00					
Banquet: Osteria dei Baroncelli						

Date-Time	Plenary (250) Sala dei Continenti	Theatre I (55) America del Nord	Theatre II (35) America del Sud	Theatre III (30) Giardino d'Inverno	Half-Day Tours	Full-Day Tours
Day 5 (Bank Holiday)						
Fri Nov. 1	Registration (until 14:00)					
Fri Nov 1	Sym: Semantic models & ontologies	Contributed presentations 5	Workshop: Dwc DNA			Tour: Wine Cellars in the Chianti Region: Villa Vignamaggio (15 to 24 people)
AM Break		Posters, Coffee Break: Salone degli Oceani				
Fri Nov 1	Sym: Semantic interoperability	Contributed presentations 6				
Lunch						
Fri Nov 1	14:00-15:30 Preview of TDWG 2014: Lucy Waring; Closing Session					
PM Break						
Fri Nov. 1	16:00 - 17:00 Executive Meeting	Coffee Break: Salone degli Oceani	Birds-of-a Feather: Semantics for Biodiversity Post-Symposium Salone degli Oceani		Tour: Siena Half-Day (15 to 25 people)	
	17:00 - 18:30					
	18:30 - 19:00					
Sat Nov. 2	09:00 - 12:30					Tour: Cinque Terre (15 to 24 people)
Sat Nov. 2	12:30 - 14:00					
Sat Nov. 2	14:00 - 19:00					
Sun Nov. 3	09:00 - 12:30					Tour: Val D'Orcia: Pienza and Montepulciano (15 to 24 people)
Sun Nov. 3	12:30 - 14:00					
Sun	14:00 - 19:00					

2013 TDWG Schedule by Date, Room & Time

Sunday 27 October

2013 TDWG Executive
America del Nord
09:00 AM - 05:00 PM

Registration
Il Globo
03:00 PM - 06:15 PM

Set up Posters
Salone degli Oceani
03:00 PM - 06:00 PM

TAG: Technical Architecture Group
America del Sud
3:30 PM - 05:00 PM

ViBRANT
(closed meeting)
Giardino d'Inverno
09:00 AM - 06:00 PM

Welcome Reception at *La Specola*

The conference welcome cocktail will be hosted at **The Section of Zoology "La Specola"** at the Museum of Natural History, University of Florence, *via Romana 17, 50125 Firenze*.

See <http://www.tdwg.org/conference-2013/#c1507>

07:00 PM - 09:00 PM

Monday 28 October

09:00 AM - 09:30 AM **Chairman's Welcome and Address** - *Sala dei Continenti*

Keynote Address
Sala dei Continenti

09:30 AM - 10:30 AM **359. LONG LIVE THE DATA.** Eric T. Meyer

AM Break - Salone degli Oceani - Coffee & Posters - 10:30 AM - 11:00 AM

Symposium: Empowering International eCollaboration for Sustainability I

Organizers: Deborah Paul, Gail Kampmeier, Reed S. Beaman
Sala dei Continenti

- 11:00 AM - 11:05 AM **310. INTRODUCTION: EMPOWERING INTERNATIONAL
ECOLLABORATION FOR SUSTAINABILITY.** Deborah Paul, Gail
Kampmeier, Reed Beaman
- 11:05 AM - 11:25 AM **350. STRATEGIES AND PARTNERSHIPS FOR ENABLING
INFRASTRUCTURE SUSTAINABILITY.** Anne Maglia
- 11:25 AM - 11:45 AM **508. WE CAN FOSTER COLLABORATION AND IMPROVE THE
RESULTS OF BIODIVERSITY INFORMATICS.** Antonio Mauro
Saraiva
- 11:45 AM - 12:05 PM **487. BUILDING SUSTAINABLE BIODIVERSITY INFORMATION
SYSTEMS.** Fredrik Ronquist
- 12:05 PM - 12:25 PM **362. EXPANDING AND SUSTAINING SUB-SAHARAN AFRICAN
PARTICIPATION AND COLLABORATION WITH TDWG.** Henry L.
Bart, Patricia Mergen

Lunch 12:30 PM - 2:00 PM

Symposium: Empowering International eCollaboration for Sustainability II

Organizers: Deborah Paul, Gail Kampmeier, Reed S. Beaman
Sala dei Continenti

- 02:00 PM - 02:20 PM 458. POTENTIAL REFINEMENT OF THE BARCODE DATA STANDARD FOR FORENSIC APPLICATION: THE BARCODE OF WILDLIFE PROJECT. David E. Schindel
- 02:20 PM - 02:40 PM 498. CREATING A SEMANTIC FRAMEWORK FOR CULTIVATED PLANTS FOR THE INTERNATIONAL E-COLLABORATION ON AGROBIODIVERSITY. Elizabeth Arnaud, Luca Matteis, Pankaj Jaiwal, Laurel Cooper, Selim Louafi, Pierre Larmande, Caterina Caraciolo, Johannes Keizer, Richard Bruskiwich
- 02:40 PM - 03:00 PM 379. SUCCESS IN BROADENING PARTICIPATION AND ENGAGEMENT IN DIGITIZATION. Deborah Paul
- 03:00 PM - 03:20 PM 343. USE IT OR LOSE IT: CROWDSOURCING SUPPORT AND OUTREACH ACTIVITIES IN A HYBRID SUSTAINABILITY MODEL FOR E-INFRASTRUCTURES – THE VIBRANT PROJECT CASE STUDIES. Dimitrios Koureas, Laurence Livermore, Dave Roberts, Vincent Smith

Symposium: Biodiversity Data Quality – Issues, Methods & Tools I

Organizer: Antonio Mauro Saraiva
America del Nord

- 02:00 PM - 02:10 PM 520. BIODIVERSITY DATA QUALITY - ISSUES, METHODS AND TOOLS: INTRODUCTION. Antonio Mauro Saraiva
- 02:10 PM - 02:30 PM 470. PROPOSAL OF A METHODOLOGY FOR DEALING WITH BIODIVERSITY DATA QUALITY. Allan Koch Veiga, Antonio Mauro Saraiva, Etienne Americo Cartolano Jr.
- 02:30 PM - 02:50 PM 354. BIODIVERSITY DATA: DOMAINS, RICHNESS, USES AND DATA QUALITY DIMENSIONS. Arthur Chapman
- 02:50 PM - 03:10 PM 510. DATA QUALITY PROCESSES USED IN THE ATLAS OF LIVING AUSTRALIA. Paul Kenneth Flemons
- 03:10 PM - 03:30 PM 382. COLLABORATIVE VALIDATION OF VISUAL DATA THROUGH THE PL@NTNET IDENTIFICATION SYSTEM. Samuel Dufour-Kowalski, Jeremy Salinier, Aurelien Peronnet, Jennifer Carré, Jean-Pascal Milcent, Hervé Goëau, Alexis Joly, Nozha Boujemaa, Pierre Bonnet, Julien Barbe, Jean-Francois Molino, Daniel Barthélémy

Workshop: Documenting Darwin Core I

Organizers: Gregor Hagedorn, James Alexander Macklin, Richard L. Pyle, Joel Sachs
America del Sud

- 02:00 PM - 03:30 PM 537. WHAT IS A DARWIN CORE OCCURRENCE? (PART 1). John Wieczorek

PM Break - Salone degli Oceani - Coffee & Posters - 3:30 PM - 4:00 PM

**Symposium: Empowering International eCollaboration
for Sustainability III**

Organizers: Deborah Paul, Gail Kampmeier, Reed S. Beaman
Sala dei Continenti

- 04:00 PM - 04:20 PM 410. NEON'S COLLECTIONS PROGRAM: DEVELOPING A COLLABORATIVE NETWORK OF MUSEUMS AND A RESOURCE IN SUPPORT OF BIODIVERSITY RESEARCH. Michael W. Denslow
- 04:20 PM - 04:40 PM 505. THE ELEMENTS OF COLLABORATION IN TDWG. Stanley Blum
- 04:40 PM - 05:30 PM 534. PANEL DISCUSSION: EMPOWERING INTERNATIONAL ECOLLABORATION FOR SUSTAINABILITY. Reed S. Beaman, Deborah Paul, Gail Kampmeier

**Symposium: Biodiversity Data Quality –
Issues, Methods & Tools II**

Organizer: Antonio Mauro Saraiva
America del Nord

- 04:00 PM - 04:05 PM 445. LINKING SYSTEMS TO IMPROVE DATA QUALITY. Javier Otegui, Robert Guralnick
- 04:05 PM - 04:20 PM 441. A DATA QUALITY MANAGEMENT MODULE FOR BEXIS. Michael Owonibi, Roman Gerlach, Andreas Ostrowski, Eleonora Petzold, Birgitta König-Ries
- 04:20 PM - 04:40 PM 469. PROPOSAL OF A METADATA SCHEMA FOR BIODIVERSITY DATA QUALITY. Allan Koch Veiga, Antonio Mauro Saraiva, Anarosa Alves Franco Brandão, Etienne Americo Cartolano Jr.
- 04:40 PM - 05:00 PM 369. DOCUMENTING DATA QUALITY IN A GLOBAL NETWORK: THE CHALLENGE FOR GBIF. Éamonn Ó Tuama, Andrea Hahn, Samy Gaiji
- 05:00 PM - 05:30 PM 521. DISCUSSION. Antonio Mauro Saraiva

Workshop: Documenting Darwin Core II

Organizers: Gregor Hagedorn, James Alexander Macklin, Richard L. Pyle, Joel Sachs
America del Sud

- 04:00 PM - 05:30 PM 538. WHAT IS A DARWIN CORE OCCURRENCE? (PART 2). Richard L. Pyle

Economic Botany (new IG?)

Giardino d'Inverno

- 04:00 PM - 05:30 PM 442. THE ECONOMIC BOTANY DATA COLLECTION STANDARD. Nicky Nicolson

Tuesday 29 October

09:00 AM - 09:30 AM **Pre-Election Buzz - Sala dei Continenti**

Keynote Address *Sala dei Continenti*

09:30 AM - 10:30 AM **549. WEB SERVICES AND WORKFLOWS: THE DIGITAL OBSERVATORY OF PROTECTED AREAS.** Andrew Cottam, Gregoire Dubois

AM Break - Salone degli Oceani - Coffee & Posters - 10:30 AM - 11:00 AM

Symposium: Building & Maintaining Crowd Sourcing Websites & their Communities

Organizer: Paul Kenneth Flemons
Sala dei Continenti

11:00 AM - 11:10 AM **347. GEOREFERENCING FISHES: A COMMUNITY-BASED MODEL.** Nelson Rios, Henry Bart

11:10 AM - 11:20 AM **429. IDIGBIO'S PUBLIC PARTICIPATION IN DIGITIZATION MANAGEMENT SYSTEM.** Austin Mast, Elizabeth Ellwood, Robert Bruhn, Greg Riccardi

11:20 AM - 11:30 AM **376. CITIZEN SCIENCE, OPPORTUNITY COSTS AND GROWING PAINS: NOTES FROM NATURE TURNS 4 MONTHS OLD.** Rob Penn Guralnick

11:30 AM - 11:40 AM **342. RECRUITING THE GENERAL PUBLIC : RESULTS AFTER 10 MONTHS OF HERBARIUM LABELS TRANSCRIPTION.** Simon Chagnoux

11:40 AM - 11:50 AM **329. ENGAGING CITIZENS IN SPECIMEN DIGITIZATION AT THE NEW YORK BOTANICAL GARDEN HERBARIUM SPECIMENS.** Barbara Mary Thiers

11:50 AM - 12:00 PM **400. CROWD SOURCING CLIMATE CHANGE RESEARCH.** Elizabeth Ellwood, Richard Primack, Peter Everill, Jane Marsching, Matthew Shanley

12:00 PM - 12:10 PM **473. CROWD SOURCING AND COMMUNITY MANAGEMENT CAPABILITIES AVAILABLE WITHIN SYMBIOTA DATA PORTALS.** Nico Franz, Corinna Gries, Edward Gilbert

12:10 PM - 12:30 PM **535. PANEL DISCUSSION: BUILDING & MAINTAINING CROWD SOURCING WEBSITES & THEIR COMMUNITIES.** Paul Kenneth Flemons

**Symposium: Crafting the Future of a Global
Biodiversity Heritage Library for Diverse Community Needs**

Organizer: Martin Kalfatovic
America del Nord

- 11:00 AM - 11:13 AM 408. A CURRENT OVERVIEW OF THE BIODIVERSITY HERITAGE LIBRARY. Martin R. Kalfatovic
- 11:14 AM - 11:27 AM 443. FINDING A GOLDMINE OF NATURAL HISTORY ILLUSTRATIONS WITHIN BHL TEXTS: THE ART OF LIFE PROJECT. Trish Rose-Sandler
- 11:28 AM - 11:41 AM 422. BIODIVERSITY HERITAGE LIBRARY FOR EUROPE - PAST, PRESENT AND FUTURE. Jiri Frank
- 11:42 AM - 11:55 AM 511. DISCOVERING AFRICAN BIODIVERSITY LITERATURE COLLECTIONS. Lucy Waruingi
- 11:56 AM - 12:09 PM 455. EXPANDING THE BIODIVERSITY HERITAGE LIBRARY. William Ulate
- 12:10 PM - 12:20 PM 438. PLEASE PHRASE YOUR QUESTION IN THE FORM OF FEEDBACK.... Constance Rinaldo
- 12:20 PM - 12:30 PM 309. QUESTIONS & DISCUSSION: CRAFTING THE FUTURE OF A GLOBAL BIODIVERSITY HERITAGE LIBRARY FOR DIVERSE COMMUNITY'S NEEDS: THE CASE OF SCIENTISTS.. Martin Kalfatovic

Workshop: Documenting Darwin Core III

Organizers: Gregor Hagedorn, James Alexander Macklin , Richard L. Pyle, Joel Sachs
America del Sud

- 11:00 AM - 12:30 PM 539. CLARIFYING THE RELATIONSHIP BETWEEN DWC:BASISOFRECORD, RDF:TYPE, AND THE DWC TYPE VOCABULARY. Joel Sachs

Annotations Interest Group

Giardino d'Inverno

- 11:00 AM - 12:30 PM 336. ANNOTATIONS INTEREST GROUP. Paul J Morris

Lunch 12:30 PM - 02:00 PM

Symposium: Biodiversity Informatics Services & Workflows

Organizer: Anton Güntsch
Sala dei Continenti

- 02:00 PM - 02:18 PM 388. USING THE TAVERNA WORKFLOW TOOL SUITE FOR BIODIVERSITY RESEARCH IN THE BIOVEL PROJECT.. Norman Morrison
- 02:18 PM - 02:36 PM 353. BIODIVERSITY INFORMATICS SERVICES: FIT FOR USE?. Cherian Mathew
- 02:36 PM - 02:54 PM 502. SCAN - SOUTHWEST COLLECTIONS OF ARTHROPODS NETWORK: LEVERAGING FILTERED PUSH TECHNOLOGY TO ENHANCE REMOTE TAXONOMIC IDENTIFICATIONS. Nico Franz
- 02:54 PM - 03:12 PM 356. IMPROVING NATURAL SCIENCE COLLECTIONS DATA THROUGH QUALITY CONTROL FOR RESEARCH USING WORKFLOWS EMBEDDED IN A FILTEREDPUSH NETWORK. James A Macklin, James Hanken, Maureen Kelly, Sven Koehler, David B Lowery, Bertram Ludaescher, Paul J Morris, Robert A Morris, Tianhong Song
- 03:12 PM - 03:30 PM 348. PROVIDING STATISTICAL ALGORITHMS AS-A-SERVICE. Gianpaolo Coro, Pasquale Pagano, Leonardo Candela

Symposium: Biodiversity Data Quality – Issues, Methods & Tools III

Organizer: Antonio Mauro Saraiva
America del Nord

- 02:00 PM - 02:15 PM 326. THE DATA QUALITY INITIATIVE AT THE BOTANIC GARDEN AND BOTANICAL MUSEUM BERLIN-DAHLEM. David Fichtmueller
- 02:15 PM - 02:30 PM 337. DATA QUALITY CHALLENGES IN THE CANADENSYS NETWORK OF OCCURRENCE RECORDS: EXAMPLES, TOOLS, AND SOLUTIONS. Christian Gendreau, David P. Shorthouse
- 02:30 PM - 02:45 PM 340. VESPER - VISUAL EXPLORATION OF SPECIES-REFERENCED REPOSITORIES. Martin Graham, Jessie Kennedy
- 02:45 PM - 02:50 PM 502. SCAN - SOUTHWEST COLLECTIONS OF ARTHROPODS NETWORK: LEVERAGING FILTERED PUSH TECHNOLOGY TO ENHANCE REMOTE TAXONOMIC IDENTIFICATIONS. Nico Franz
- 02:50 PM - 03:05 PM 523. BEYOND BARRIERS: EXPORTING DATA QUALITY ASSESSMENTS FROM SPAIN. Arturo H. Ariño, Francisco Pando, Javier Otegui
- 03:05 PM - 03:30 PM 522. DISCUSSION. Antonio Mauro Saraiva

Workshop: Biodiversity for Cooperation and Development

Organizer: Patricia Mergen
America del Sud

- 02:00 PM - 03:30 PM 547. BIODIVERSITY FOR COOPERATION AND DEVELOPMENT. Patricia Mergen

Audubon Core
Giardino d'Inverno

02:00 PM - 03:30 PM **546. IMAGE INTEREST GROUP, MULTIMEDIA RESOURCES TASK GROUP (MRTG) REPORT AND DISCUSSION.** Robert A Morris

PM Break - Salone degli Oceani - Coffee & Posters - 03:30 PM - 04:00 PM

Symposium: Minimum Information Standards for Biological Collections: Beyond Darwin Core

Organizers: Greg Riccardi, Gil Nelson

America del Nord

04:00 PM - 04:20 PM **506. USING AND EXTENDING DARWIN CORE FOR STRUCTURED ATTRIBUTE DATA.** Cynthia Parr, Patrick Leary, Jennifer Hammock, Katja Schulz, Nathan Wilson

04:20 PM - 04:40 PM **515. WORLD FLORA ONLINE.** Chuck Miller

04:40 PM - 05:00 PM **334. STABLE IDENTIFIERS AND THEN QUICKLY BEYOND.** Gregor Hagedorn

05:00 PM - 05:15 PM **514. STRATEGIES AND VOCABULARIES FOR REPRESENTING INTERACTIONS AMONG BIODIVERSITY OBJECTS.** Greg Riccardi

05:15 PM - 05:30 PM **543. DISCUSSION - BEYOND DARWIN CORE.** Greg Riccardi

Semantics for Biodiversity 0 - Primer on Semantic Technologies

Sala dei Continenti

04:00 PM - 05:00 PM **448. PRIMER ON SEMANTIC TECHNOLOGIES.** Steve Baskauf, John Deck, Mark Schildhauer

Lightning Talks
Sala dei Continenti

05:00 PM - 05:05 PM **447. THE NATURAL HISTORY MUSEUM DATA PORTAL.** Ben Scott

05:05 PM - 05:10 PM **387. A TAXONOMIST'S GUIDE TO HOMO SAPIENS COMPUTANS.** David King

05:10 PM - 05:15 PM **401. NATURAL HISTORY COLLECTIONS AS VALUABLE SOURCES OF BIODIVERSITY DATA; SOLUTION BY MUSEION.** Jiri Frank, Pavel Mlcoch

05:15 PM - 05:20 PM **393. BIH 2013: A GOAL TO UNITE COMMUNITIES.** Alex Hardisty, Dave Roberts

Contributed Presentations 1
America del Sud

- 04:00 PM - 04:15 PM 450. IDIGBIO DATA INTEGRATION WITH SELF-REFERENTIAL SCHEMAS. Sarfaraz Ahmed Soomro, Andrea Matsunaga, José A. B. Fortes
- 04:15 PM - 04:30 PM 332. FOBIOS: A FUNCTIONAL ONTOLOGY FOR BIODIVERSITY STANDARDS INTEROPERABILITY. Silvia Scheunemann, Fabiana Soares Santana, Anarosa Alves Franco Brandao
- 04:30 PM - 04:45 PM 317. THE USE OF OPTICAL CHARACTER RECOGNITION (OCR) IN THE DIGITISATION OF HERBARIUM SPECIMENS. Elspeth M Haston, Robyn E Drinkwater, Robert Cubey
- 04:45 PM - 05:00 PM 430. STREAMLINING MATERIAL- AND DATA FLOW WITHIN THE GERMAN BARCODE OF LIFE PROJECT, GBOL. Christian Köhler, Peter Grobe
- 05:00 PM - 05:15 PM 392. LINNAEUS NEXT GENERATION FOR SPECIES INFORMATION AND IDENTIFICATION. Wouter Addink, Maarten Schermer, Ruud Altenburg, Huub Veldhuijzen, Edwin van Spronsen, Peter Schalk

Biological Descriptions & Identification Methods Interest Group
Giardino d'Inverno

- 04:00 PM - 05:00 PM 396. BIOLOGICAL DESCRIPTIONS & IDENTIFICATION METHODS. Gregor Hagedorn

Wednesday 30 October

09:00 AM - 09:30 AM **Interest Group Reports - *Sala dei Continenti***

Keynote Address *Sala dei Continenti*

09:30 AM - 10:30 AM **517. THE COMMON INFRASTRUCTURE OF THE GLOBAL EARTH OBSERVATION SYSTEM OF SYSTEMS (GEOSS) APPLYING A BROKERING APPROACH.** Stefano Nativi, Max Graglia

AM Break - Salone degli Oceani - Coffee & Posters - 10:30 AM - 11:00 AM

Symposium: Big Data Coming from Earth Observation Networks

Organizer: Hannu Saarenmaa
Sala dei Continenti

11:00 AM - 11:15 AM **446. THE GEOSS BROKERING SYSTEM.** Paolo Mazzetti, Stefano Nativi, Mattia Santoro, Fabrizio Papeschi

11:15 AM - 11:30 AM **325. GBIF'S ROLE IN THE EARTH OBSERVATION SYSTEM.** Tim Robertson, Éamonn Ó Tuama

11:30 AM - 11:45 AM **412. INTEGRATED DIGITIZED BIOCOLLECTIONS (IDIGBIO) CYBERINFRASTRUCTURE STATUS AND FUTURES.** Andréa Matsunaga, Renato Figueiredo, Alex Thompson, Gregory Traub, Reed Beaman, José A. B. Fortes

11:45 AM - 12:00 PM **413. ESTABLISHING A SYSTEMS INFRASTRUCTURE FOR GEO BON.** Wim Hugo

12:00 PM - 12:15 PM **371. INTEGRATING OBSERVATION AND SURVEY DATA FOR PRODUCTION OF ESSENTIAL BIODIVERSITY VARIABLES – THE EU BON APPROACH.** Hannu Saarenmaa

Workshop: Documenting Darwin Core IV

Organizers: Gregor Hagedorn, James Alexander Macklin, Richard L. Pyle, Joel Sachs
America del Sud

11:00 AM - 12:30 PM **540. DEVELOPMENT OF PROPOSALS AND DOCUMENTATION; FUTURE DIRECTIONS.** James Alexander Macklin

**Workshop: Content Provision Workshop Using
BioCase/OpenUp! Infrastructure**

Organizer: Jiri Frank
America del Nord

11:00 AM - 11:10 AM	428. SUSTAINING A BIODIVERSITY DATA INFRASTRUCTURE: OPENUP!, BIOCASE, AND GBIF. Walter G. Berendsohn
11:10 AM - 11:20 AM	426. BIOCASE PROVIDER SOFTWARE & BIOCASE MONITOR SERVICE. Falko Gloeckler
11:20 AM - 11:30 AM	431. DATA QUALITY TOOLKIT (DQT). Anton Güntsch
11:30 AM - 11:40 AM	482. NATURAL HISTORY MEETS CULTURE. Heimo Rainer, Koller Wolfgang
11:40 AM - 11:45 AM	425. ABCDEFG SCHEMA OVERVIEW. Falko Gloeckler
11:55 AM - 12:00 PM	434. EUROPEANA API SERVICES. Boris Jacob
12:00 PM - 12:10 PM	424. OPENUP! MOBILISED DATA OVERVIEW / BENEFITS AND POSSIBILITIES FOR CONTENT PROVIDERS. Jiri Frank
12:10 PM - 12:20 PM	435. GLOBAL GENOME BIODIVERSITY NETWORK (GGBN) DATA PORTAL & ABCDDNA. Gabriele Dröge

Genomic Biodiversity Interest Group

Giardino d'Inverno

11:00 AM - 12:30 PM	311. GENOMIC BIODIVERSITY WORKING INTEREST GROUP (GBWG). John Deck
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Lunch 12:30 PM - 01:40 PM

Business Meeting

Sala dei Continenti

01:45 PM - 02:20 PM	Annual Business Meeting - all conference attendees are TDWG members and are encouraged to attend.
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Symposium: Semantics for Biodiversity Technologies, Reasoning & Annotation

Organizers: Benjamin Adams, John Deck, Mark Schildhauer
Sala dei Continenti

02:30 PM - 02:32 PM	Introduction
02:32 PM - 02:41 PM	493. AN RDF GUIDE FOR THE TDWG DARWIN CORE STANDARD. Steven Baskauf, John Wiczorek, John Deck, Campbell Webb, Mark Schildhauer
02:41 PM - 02:50 PM	485. BUILDING A BIODIVERSITY INFORMATION NETWORK USING PERSISTENT, RESOLVABLE IDENTIFIERS. John Deck, Robert Guralnick, John Kunze
02:50 PM - 02:59 PM	477. SEMANTIC APPROACH FOR COLLECTION DATA VIA OPEN DATA WEBS INSTEAD OF CLOSED SYSTEMS. Falko Glöckler, Alexander Kroupa, Anton Güntsch, Gregor Hagedorn
02:59 PM - 03:08 PM	474. THE BISCICOL TRIPLIFIER: BRINGING LEGACY BIODIVERSITY DATA TO THE SEMANTIC WEB. Brian Stucky, Robert Guralnick, John Deck, Tom Conlin
03:08 PM - 03:17 PM	480. THE INGEST AND USES OF SPECIMEN LABEL DATA INTO SEMANTIC KNOWLEDGE STORES. Bryan Heidorn, Steven Chong
03:17 PM - 03:26 PM	481. SEMANTECO ANNOTATOR FOR LINKED DATA GENERATION AND GENERALIZED SEMANTIC MAPPING. Patrice Seyed, Katherine Chastain, Brendan Ashby, Yue Liu, Timothy Lebo, Evan Patton, Deborah McGuinness
03:35 PM - 03:44 PM	335. SEMANTIC MATCHING OF INTERESTS TO ANNOTATIONS WITH SPARQL QUERIES ON REASONED TRIPLES. Paul J Morris, James Hanken, Maureen Kelly, David Lowery, Bertram Ludäscher, James A. Macklin, Robert A Morris, Tianhong Song
03:44 PM - 03:53 PM	486. A FACETED SEARCH SYSTEM FOR FACILITATING THE UNDERSTANDING AND THE PREDICTION OF ECOSYSTEM CHANGES. Marie-Angélique Laporte, Eric Garnier, Isabelle Mougenot

Symposium: Scholarly Data Publishing in Biodiversity: Challenges and Potentials

Organizer: Vishwas Chaven
America del Nord

02:30 PM - 02:45 PM	322. INCENTIVISING BIODIVERSITY DATA PUBLISHING: GBIF-PENSOFT PARTNERSHIP. Vishwas Chavan, Lyubomir Penev, Teodor Georgiev
02:45 PM - 03:00 PM	367. NEXT GENERATION SEQUENCING REQUIRES NEXT GENERATION PUBLISHING: THE BIODIVERSITY DATA JOURNAL PUBLISHED THE FIRST EUKARYOTIC NEW SPECIES WITH A FULLY SEQUENCED TRANSCRIPTOME, DNA BARCODE AND MICROCOMPUTED TOMOGRAPHY. Lyubomir Penev, Pavel Stoev, Ana Komericki, Nesrine Akkari, Shalini Li, Xin Zhou, Scott Edmunds, Chris Hunter, Alexander Weigand, David Porco, Marzio Zapparoli, Teodor Georgiev, Daniel Mietchen, Dave Roberts, Vincent Smith

- 03:00 PM - 03:15 PM 320. NPG-GBIF ROADMAP FOR BIODIVERSITY DATA PUBLISHING THROUGH SCIENTIFIC DATA. Susanna Sansone, Vishwas Chavan
- 03:15 PM - 03:30 PM 418. EXPLORING THE FUTURE OF SCHOLARLY PUBLISHING OF BIODIVERSITY DATA. Vishwas Chavan
- 03:30 PM - 04:00 PM 544. PANEL DISCUSSION - SCHOLARLY DATA PUBLISHING. Lyubomir Penev, Susanna Sansone, Vishwas Chavan

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America del Sud

- 02:30 PM - 02:45 PM 453. CROWD SOURCING IN AN ATTENTION ECONOMY. Olivier Rovellotti, Julie Chabaliere, Amandine Sahl
- 02:45 PM - 03:00 PM 406. TOWARDS A COLLABORATIVE VIRTUAL ARCTIC LICHEN FLORA PROJECT. Thomas Hawkes Nash III, Corinna Gries, Edward Gilbert, Benjamin Brandt, Alfonso Doucette, Mark Allen Wetter, Ken M Cameron
- 03:00 PM - 03:15 PM 460. SEAICE: A CROSS-DOMAIN CROWD-SOURCED METADATA VOCABULARY. John Kunze, Jane Greenberg, Sarah Callaghan, Robert Guralnick, Greg Janee, Angela Murillo, Nassib Nassar, Christopher Patton, Karthik Ram, Jim Regetz, Tim Robertson
- 03:15 PM - 03:30 PM 373. XPER3: INTRODUCING SOCIAL TAXONOMY. Thomas Burguiere, Florian Causse, Antoine Bergamaschi, Nils Paulhe, Anais Grand, Frederic Lison, Visotheary Ung, Regine Vignes-Lebbe
- 03:30 PM - 03:45 PM 457. DIVERSITYMOBILE AS PART OF THE DIVERSITY WORKBENCH PLATFORM – A DATA PIPELINE FROM SMARTPHONE RECORDING UP TO GBIF ACCESS. Tanja Weibulat, Georg Rollinger, Wolfgang Reichert, Markus Weiss, Dieter Neubacher, Bernhard Volz, Gerhard Rambold, Dagmar Triebel

PM Break - Salone degli Oceani - Coffee & Posters - 04:00 PM - 04:30 PM

Symposium: Mobilizing Biodiversity Information in Sub-Saharan Africa

Organizers: Henry L. Bart, Patricia Mergen
Sala dei Continenti

- 04:30 PM - 04:40 PM 550. OPENING REMARKS. Patricia Mergen, Henry L. Bart
- 04:40 PM - 04:55 PM 386. COPING WITH THE TECHNICAL AND INSTITUTIONAL CHANGING CONTEXT IN COOPERATION DEVELOPMENT PROJECTS.. Franck Theeten
- 04:55 PM - 05:10 PM 338. USING ELASTICSEARCH AS A FAST, FLEXIBLE, AND SCALABLE SOLUTION TO SEARCH OCCURRENCE RECORDS AND CHECKLISTS. Christian Gendreau, Marie-Elise Lecoq, David P. Shorthouse, Luc Brouillet
- 05:10 PM - 05:25 PM 417. THE USE OF PLANTS DATABASE TO IDENTIFY GAPS IN BIODIVERSITY CONSERVATION NETWORK IN MADAGASCAR.. Tantely Raminosa

- 05:25 PM - 05:40 PM 500. A BIOINFORMATICS JOURNEY TOWARDS BIODIVERSITY INFORMATION AVAILABILITY AND USE IN RWANDA. Prosper Karame
- 05:40 PM - 05:55 PM 440. A BIODIVERSITY NETWORK DATA CENTRE FOR AFRICA. Wim Hugo

Workshop: Darwin Core Archives: Beyond Star Schema

Organizers: Gabriele Dröge, Patrick Leary
America del Nord

- 04:30 PM - 04:35 PM Introduction
- 04:35 PM - 04:45 PM 506. USING AND EXTENDING DARWIN CORE FOR STRUCTURED ATTRIBUTE DATA. Cynthia Parr, Patrick Leary, Jennifer Hammock, Katja Schulz, Nathan Wilson
- 04:45 PM - 04:55 PM 527. DARWIN CORE ARCHIVE AND THE GLOBAL GENOME BIODIVERSITY NETWORK. Gabriele Droege, Katharine Barker, Paul Flemons
- 04:55 PM - 05:05 PM 526. DARWIN CORE ARCHIVES AND THE ENCYCLOPEDIA OF LIFE. Patrick Leary
- 05:05 PM - 06:00 PM 529. DISCUSSION - DARWIN CORE ARCHIVES: BEYOND STAR SCHEMA. Gabriele Droege, Patrick Leary

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America del Sud

- 04:30 PM - 04:45 PM 345. VIBRANT: PROGRESS TOWARDS AN INTEGRATED FRAMEWORK. Vince Smith, Dave Roberts
- 04:45 PM - 05:00 PM 318. EMONOCOT - A SUCCESSFUL VIRTUAL COMMUNITY. Annapaola Santarsiero, Benjamin Clark, Joseph Kelly, Charles Godfray
- 05:00 PM - 05:15 PM 338. USING ELASTICSEARCH AS A FAST, FLEXIBLE, AND SCALABLE SOLUTION TO SEARCH OCCURRENCE RECORDS AND CHECKLISTS. Christian Gendreau, Marie-Elise Lecoq, David P. Shorthouse, Luc Brouillet
- 05:15 PM - 05:30 PM 346. A DECADAL VIEW OF BIODIVERSITY INFORMATICS: CHALLENGES AND PRIORITIES. Alex Hardisty, Dave Roberts
- 05:30 PM - 05:45 PM 507. ENCYCLOPEDIA OF LIFE TRAITBANK DEMONSTRATION. Cyndy Parr

Semantic Tools & Ontologies (new IG?)

Giardino d'Inverno

- 04:30 PM - 06:00 PM 409. SEMANTICS4BIODIVERSITY. Elizabeth Arnaud

Thursday 31 October

Symposium: Developing a Names-Based Architecture for Linking Biodiversity Data I

Organizers: Yde de Jong, Richard L. Pyle
Sala dei Continenti

- 09:00 AM - 09:15 AM 374. TOWARDS A GLOBAL NAMES ARCHITECTURE: A NAMES-BASED BACKBONE FOR INTEGRATING GLOBAL BIODIVERSITY DATA. Richard L. Pyle
- 09:15 AM - 09:30 AM 439. A NAMES BACKBONE – A GRAPH OF TAXONOMY. Nicky Nicolson
- 09:30 AM - 09:45 AM 370. DYNAMICS OF TAXON CONCEPTS: HOW TO HANDLE CHANGES OF TAXONOMIC INFORMATION, AND WHY?. Oskar Kindvall
- 09:45 AM - 10:00 AM 483. CONCEPTS AND TOOLS NEEDED TO INCREASE BOTTOM-UP TAXONOMIC EXPERT PARTICIPATION IN A GLOBAL NAMES-BASED INFRASTRUCTURE. Nico Franz, David Patterson, Sudhir Kumar, Edward Gilbert
- 10:00 AM - 10:15 AM 380. DESIGN OF "LODAC SPECIES" AS A NAMES-BASED LINKED OPEN DATA ARCHITECTURE. Akihiro Kameda, Fumihiro Kato, Utsugi Jimbo, Ikki Ohmukai, Hideaki Takeda
- 10:15 AM - 10:30 AM 489. WHAT TAXONOMIC INFORMATION IS 'OPEN ACCESS'?. Donat Agosti, Gregor Hagedorn, Willi Egloff, David Patterson

Symposium: Sharing & Delivery of Reusable Phylogenetic Knowledge I

Organizers: Hilmar Lapp, Nico Cellinese, Rutger Vos
America del Nord

- 09:00 AM - 09:15 AM 495. SHARING PHYLOGENETIC DATA: EVEN MORE VITAL FOR MORPHOLOGICAL DATA. Ross Mounce
- 09:15 AM - 09:25 AM 492. ASSEMBLING A DRAFT OVERALL TREE OF LIFE FROM PHYLOGENETIC TREES AND TAXONOMIC DATABASES. Jonathan A Rees
- 09:25 AM - 09:35 AM 525. PHYLOTASTIC - NAMES-BASED PHYLOINFORMATIC DATA INTEGRATION. Rutger Vos
- 09:35 AM - 09:45 AM 366. NUMERICAL TREE REPRESENTATIONS AND THEIR APPLICATION TO MCMC PHYLOGENETIC INFERENCE, PHYLOGENETIC SIGNAL, AND ... DATABASE QUERY. Saverio Vicario
- 09:45 AM - 09:55 AM 363. SUPERSMART: SELF-UPDATING PLATFORM FOR ESTIMATING RATES OF SPECIATION AND MIGRATION, AGES AND RELATIONSHIPS OF TAXA. Alexandre Antonelli

- 09:55 AM - 10:05 AM **444. QUEST FOR ORTHOLOGS: ANCHORING COMPARATIVE BIOLOGY RESEARCH.** Suzanna Lewis, Quest for Orthologs Consortium
- 10:05 AM - 10:30 AM **536. PANEL DISCUSSION: SHARING & DELIVERY OF REUSABLE PHYLOGENETIC KNOWLEDGE.** Hilmar Lapp

Symposium: Biodiversity Vocabulary Management – Outcomes of the VoMaG Task Group

Organizers: Steve Baskauf, Dag Endresen, Gregor Hagedorn, Éamonn Ó Tuama
America del Sud

- 09:00 AM - 09:05 AM **528. INTRODUCTION TO VOMAG.** Éamonn Ó Tuama
- 09:05 AM - 09:20 AM **530. THE TDWG ONTOLOGIES.** Steve Baskauf
- 09:20 AM - 09:35 AM **531. A FRAMEWORK FOR MANAGING VOCABULARIES.** Dag Endresen
- 09:35 AM - 09:45 AM **484. SEMANTIC MEDIAWIKI - A COMMUNITY PLATFORM FOR VOCABULARY DEVELOPMENT.** Gregor Hagedorn
- 09:45 AM - 09:55 AM **375. DEVELOPING A VOCABULARY: THE SINP USE CASE.** Julie Chataigner, Laurent Poncet
- 09:55 AM - 10:05 AM **532. MODELING PROPERTY VALUES: IS SKOS PART OF THE SOLUTION OR PART OF THE PROBLEM?.** Robert A Morris
- 10:05 AM - 10:30 AM **489. WHAT TAXONOMIC INFORMATION IS 'OPEN ACCESS'?.** Donat Agosti, Gregor Hagedorn, Willi Egloff, David Patterson

Species Information Interest Group
Giardino d'Inverno

- 09:00 AM - 10:30 AM **541. SPECIES INFORMATION INTEREST GROUP - APPROVED!** Francisco Pando

AM Break - Salone degli Oceani - Coffee & Posters - 10:30 AM - 11:00 AM

Symposium: Developing a Names-Based Architecture for Linking Biodiversity Data II

Organizers: Yde de Jong, Richard L. Pyle
Sala dei Continenti

- 11:00 AM - 11:15 AM **389. BIONYM – A FLEXIBLE WORKFLOW APPROACH TO TAXON NAME MATCHING.** Edward Vanden Berghe, Nicolas Bailly, Caselyn Aldemita, Fabio Fiorellato, Gianpaolo Coro, Anton Ellenbroek, Pasquale Pagano
- 11:15 AM - 11:30 AM **399. THE EDIT PLATFORM FOR CYBERTAXONOMY AS AN INFORMATION BROKER IN NAME INFRASTRUCTURES.** Andreas Kohlbecker, Yde de Jong, Cherian Mathew, Lorna Morris, Andreas Müller, Anton Güntsch, Walter Berendsohn

- 11:30 AM - 11:45 AM **361. SCRATCHPADS: THE VIRTUAL RESEARCH ENVIRONMENT FOR BIODIVERSITY DATA.** Simon Rycroft, Dave Roberts, Vince Smith, Alice Heaton, Katherine Bouton, Laurence Livermore, Dimitris Koureas, Ed Baker
- 11:45 AM - 11:50 AM **358. IN THE HOT SEAT: MANAGING DATA- AND WORKFLOWS BETWEEN BIOLOGISTS AND COMPUTERS.** Dmitry Schigel, Hanna Koivula, Esko Piirainen, Eija-Leena Laiho
- 11:50 AM - 11:55 AM **355. DEVELOPMENT OF A DATAPORTAL PROVIDING EUROPEAN TAXONOMIC INFORMATION: PAST ACTIVITIES AND FUTURE PLANS.** Simon Claus, Yde de Jong, Klaas Deneudt, Bart Vanhoorne, Francisco Hernandez
- 11:55 AM - 12:00 PM **476. A PAN-EUROPEAN SPECIES-DIRECTORIES INFRASTRUCTURE (PESI).** Yde de Jong, Florian Wetzel, Gregor Hagendorn, Falko Gloeckler, Christoph Haeuser, Marc Geoffroy, Eckhard von Raab-Straube, Anton Guentsch, Walter Berendsohn, Nicola Nicolson, Alan Paton, Paul Kirk, Bart Vanhoorne, Simon Claus, Francisco (Tjess) Hernandez, Jan Mees, Christos Arvanitidis, Hannu Saarenmaa, Valerio Sbordonni, Aaike De Wever, Hendrik Segers, Ulf Gärdenfors, David King
- 12:00 PM - 12:30 PM **551. TAXONOMIC NAMES-RELATED POSTER INTRODUCTIONS.** Richard L. Pyle

**Workshop: Sharing & Delivery of
Reusable Phylogenetic Knowledge II**
America del Nord

- 11:00 AM - 12:30 PM **548. WORKSHOP: SHARING & DELIVERY OF REUSABLE PHYLOGENETIC KNOWLEDGE.** Hilmar Lapp, Nico Cellinese, Rutger Vos

Contributed Presentations 4
America del Sud

- 11:00 AM - 11:15 AM **321. TOWARDS A DATA CITATION METRIC.** Edward Baker
- 11:15 AM - 11:30 AM **360. ASSISTED RESTRUCTURE OF WEB CONTENT FOR PAPER-BASED PRESENTATION: A LOOK AT WORK FLOWS AND DATA REPRESENTATIONS.** Alice Heaton, Simon Rycroft, Ed Baker, Katherine Bouton, Ben Scott, Koureas Dimitris, Laurence Livermore, Dave Roberts, Vince Smith
- 11:30 AM - 11:45 AM **509. BIBLIOGRAPHY OF LIFE (REFBANK AND REFINER): A TOOL TO DISCOVER, DOWNLOAD, CORRECT, AND FORMAT BIBLIOGRAPHIC REFERENCES.** Guido Sautter, Jordan Biserkov
- 11:45 AM - 12:00 PM **433. PENSOFT WRITING TOOL (PWT) AND BIODIVERSITY DATA JOURNAL (BDJ) INTEGRATE DATA AND NARRATIVE (TEXT) PUBLISHING.** Teodor Georgiev, Jordan Biserkov, Lyubomir Penev

Hackathon: Use of Semantic MediaWiki for Vocabulary Management

Organizers: Dag Endresen, Gregor Hagedorn, Éamonn Ó Tuama

(Registration required)

Giardino d'Inverno

11:00 AM - 12:30 PM

545. USE OF SEMANTIC MEDIAWIKI FOR VOCABULARY MANAGEMENT (HACKATHON). Gregor Hagedorn, Dag Endresen, Éamonn Ó Tuama

Lunch 12:30 PM - 02:00 PM

Technical Architecture Group (TAG)

(Need for meeting will be decided Sunday)

Giardino d'Inverno

02:30 PM - 05:30 PM Technical Architecture Group meeting

Afternoon Free

Banquet at Osteria dei Baroncelli

The Banquet will be at the Osteria dei Baroncelli at Chiasso dei Baroncelli, 1. Ph.055 288219. Banquet tickets are 55 Euros and are not part of your registration fee. Tickets may be available for purchase before the event from the Registration Desk.

Osteria dei Baroncelli is located behind Piazza della Signoria, in the oldest heart of the city, a stunning frame for an unforgettable evening.

See also <http://www.tdwg.org/conference-2013/#c1507> for map and further description.

07:00 PM - 09:00 PM

Friday 1 November

Symposium: Semantics for Biodiversity - Formal Models & Ontologies

Organizers: John Deck, Nico Franz, Mark Schildhauer, Ramona L. Walls
Sala dei Continenti

09:00 AM - 09:02 AM	Introduction
09:02 AM - 09:11 AM	497. USING DARWIN CORE AS A MODEL: AN ONTOLOGICALLY MINIMALIST APPROACH TO PUBLISHING OCCURRENCE DATA IN RDF. Joel Sachs
09:11 AM - 09:20 AM	496. USING DARWIN-SW TO ANSWER QUESTIONS ABOUT BIODIVERSITY RESOURCES. Steven Baskauf, Campbell Webb
09:20 AM - 09:33 AM	501. LINKING BIODIVERSITY DATA WITH THE BIOLOGICAL COLLECTIONS ONTOLOGY. Ramona Walls, John Deck, Robert Guralnick, John Wieczorek
09:33 AM - 09:39 AM	504. A NEW METADATA CHECKLIST FOR DESCRIBING SPECIES INVENTORY COMPLETENESS. Rob Guralnick, Ramona Walls, Walter Jetz
09:39 AM - 09:52 AM	491. IMPLEMENTING A SEMANTIC MEDIATOR TO INTEGRATE FLOWER-VISITING RECORDS FROM SOUTH AFRICAN NATURAL HISTORY MUSEUMS. Willem Coetzer, Deshendran Moodley, Aurore Gerber
09:52 AM - 10:03 AM	471. A TOOLKIT FOR RECONCILING MULTIPLE TAXONOMIC PERSPECTIVES: EULER/X AND THE PERELLESCHUS USE CASE. Nico Franz, Mingmin Chen, Shizhuo Yu, Shawn Bowers, Bertram Ludäscher
10:03 AM - 10:11 AM	472. USING ANSWER SET PROGRAMMING TO SIMULATE THE INTERPLAY OF TAXONOMIC AND NOMENCLATURAL CHANGE. Nico Franz, Joohyung Lee
10:11 AM - 10:24 AM	411. TEXT MINING FOR BIODIVERSITY ONTOLOGIES. Mark Schildhauer, Benjamin Adams
10:24 AM - 10:30 AM	503. ONTOLOGY EXTRACTION FROM UNSTRUCTURED TEXT IN THE BIODIVERSITY DOMAIN. Daniele Cristina Palazzi Krempser, Ana Maria Moura, Maria Luiza Machado Campos, Luiz Gadelha

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America del Nord

09:00 AM - 09:15 AM	404. COUPLING PHENOTYPE DESCRIPTIONS AND PHYLOGENETIC TREES: FROM SDD TO ONTOLOGIES VIA GRAPH DATABASES. Anaïs Grand, Régine Vignes Lebbe, Eduardo Miranda, André Santanchè
09:15 AM - 09:30 AM	357. THE FRENCH STANDARD "OCCURRENCE OF TAXON" : ISSUES, ORGANIZATION AND RESULTS. Julie Chataigner, Laurent Poncet, Marie-Elise Lecoq, Anne-Sophie Archambeau, Thierry Bourgoin

- 09:30 AM - 09:45 AM 449. LOST IN ANNOTATION? A PUBLISH-SUBSCRIBE EXTENSION FOR SEMANTIC MEDIAWIKI VOCABULARY MANAGEMENT SYSTEM. Julie Chabalier, Amandine Sahl, Olivier Rovellotti
- 09:45 AM - 10:00 AM 314. ONLINE ANNOTATION OF BIODIVERSITY DATA – THE ANNOSYS APPROACH. Okka Tschoepe, Lutz Suhrbier, Anton Güntsch, Walter G. Berendsohn
- 10:00 AM - 10:15 AM 316. HANDS-ON ANNOSYS – MANAGING ANNOTATIONS ONLINE. Lutz Suhrbier, Okka Tschöpe

**Workshop: Darwin Core DNA & Tissue Data Standard
for the Global Genome Biodiversity Network**
America del Sud

- 09:00 AM - 10:30 AM 552. WORKSHOP: DARWIN CORE DNA AND TISSUE DATA STANDARD FOR THE GLOBAL GENOME BIODIVERSITY NETWORK. Paul Kenneth Flemons, Katharine Barker, Gabrielle Dröge

AM Break - Salone degli Oceani - Coffee & Posters - 10:30 AM - 11:00 AM

**Symposium: Semantics for Biodiversity -
Interoperability with Genomic & Environmental Semantics**
Organizers: John Deck, Robert P. Guralnick, Mark Schildhauer
Sala dei Continenti

- 11:00 AM - 11:02 AM Introduction
- 11:02 AM - 11:11 AM 456. LINKING DATA FOR REAL: HOW AND WHY THE CURRENT SITUATION STINKS BIG TIME. Rob Guralnick, Tom Conlin, Nico Cellinese, John Deck
- 11:11 AM - 11:20 AM 465. THE EARTH MICROBIOME PROJECT: PLANETARY-SCALE SYSTEMS ECOLOGY.. Sean Gibbons, Jack Gilbert, Rob Knight, Janet Jansson, Jai Rideout, Antonio Gonzales, Emmanuel Prestat, J Gregory Caporaso
- 11:20 AM - 11:29 AM 466. IDENTIFICATION OF ENVIRONMENT ONTOLOGY TERMS IN TEXT AND ANNOTATION OF BIODIVERSITY (ENVIRONMENTS-EOL) AND GENOMICS (SEQENV) INFORMATION. Evangelos Pafilis, Sune Frankild, Umer Ijaz, Lucia Fanini, Sarah Faulwetter, Christina Pavloudi, Julia Schnetzer, Aikaterini Vasileiadou, Christos Arvanitidis, Christopher Quince, Lars Juhl Jensen
- 11:29 AM - 11:36 AM 461. SEMANTIC TOOLS FOR AGGREGATION OF MORPHOLOGICAL CHARACTERS ACROSS STUDIES. James Balhoff, Alex Dececchi, Paula Mabee, Hilmar Lapp
- 11:36 AM - 11:43 AM 462. COLLABORATIVELY CREATING COMPUTABLE SPECIES DESCRIPTIONS. Nathan Wilson
- 11:52 AM - 12:01 PM 464. PROTOTYPING A BOTANICAL KNOWLEDGE PORTAL. James Macklin, Joel Sachs, Hong Cui, Heather Cole

- 12:01 PM - 12:10 PM **467. THE CROP ONTOLOGY: TOWARDS THE SEMANTIC INTEGRATION OF OPEN PLANT TRAIT DATA.** Elizabeth Arnaud, Luca Matteis, Pierre-Yves Chibon, Milko Skofic, Pankaj Jaiswal, Laurel Cooper, Rosemary Shrestha, Mark Wilkinson, Richard Bruskiewich, Graham McLaren
- 12:10 PM - 12:19 PM **463. HIERARCHICAL SEARCH IN SEMANTECO SUPPORTING VARIED ONTOLOGY DESIGN PATTERNS.** Patrice Seyed, Evan Patton, Deborah McGuinness
- 12:19 PM - 12:28 PM **459. USER-BASED SUB-ONTOLOGY EXTRACTION – A MEANS TO SUPPORT SEMANTIC ANNOTATION OF BIODIVERSITY DATA.** Dennis Heimann, Birgitta König-Ries

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America del Nord

- 11:00 AM - 11:15 AM **553. FROM ARCHIVES TO APPS, THE STORY OF VERTNET.** Aaron Steele, John Wieczorek
- 11:15 AM - 11:30 AM **490. MISS THE FOREST FOR THE TREES: BRINGING TOGETHER MULTIPLE CLASSIFICATIONS.** Heimo Rainer, Wolfgang Koller
- 11:30 AM - 11:45 AM **324. PERSPECTIVES FOR BETTER CONSERVATION OF DIVERSITY INFORMATION IN MICROALGAE COMMUNITIES IN BURKINA FASO.** Bilassé ZONGO

Remove posters 12:30 PM - 01:00 PM

Lunch 12:30 PM - 02:00 PM

Preview of TDWG 2014 & Closing Session
Sala dei Continenti
02:00 PM - 03:00 PM

PM Break - Salone degli Oceani - Coffee - 03:30 PM - 04:00 PM

Birds-of-a-Feather: Semantics for Biodiversity - Wrap-up
Salone degli Oceani
04:00 PM - 05:00 PM

2013 & 2014 TDWG Executive Meeting
Sala dei Continenti
04:00 PM - 05:00 PM

2013 TDWG Schedule by Date & Time

Sunday, 2013-10-27

09:00 AM

- **TDWG Executive Committee meeting:** The Annual Meeting of the TDWG Executive will take place in the America del Nord (note room change) of Il Globo at the Grand Hotel Mediterraneo. Time: 09:00 AM - 05:00 PM
- **ViBRANT meeting (closed):** The ViBRANT team will meet in closed session in the Giardino d'Inverno in Il Globo at the Grand Hotel Mediterraneo. Time: 09:00 AM - 06:00 PM

03:00 PM

- **Setup Posters:** The poster room, Salone degli Oceani, on the first floor of the Main Building of the Grand Hotel Mediterraneo, will be open for putting up size A1 posters. Double-sided tape will be supplied for affixing posters. Time: 03:00 PM - 06:00 PM
- **Registration - Sunday:** If you have registered for the conference, pick up your badge and conference materials. If you have not yet registered, do this now before the Welcome Reception. Time: 03:00 PM - 06:15 PM

03:30 PM

- **Technical Architecture Group (TAG) meeting:** This meeting includes all conveners of Interest and Task Groups and will be held in the America del Sud (note room change) in Il Globo at the Grand Hotel Mediterraneo. Time: 03:30 PM - 05:00 PM

07:00 PM

- **Welcome Reception at *La Specola***

The conference welcome cocktail will be hosted at **The Section of Zoology "La Specola"** at the Museum of Natural History, University of Florence, *via Romana 17, 50125 Firenze*. See <http://www.tdwg.org/conference-2013/#c1507> Time: 07:00 PM - 09:00 PM

Monday, 2013-10-28

08:00 AM

- **Registration - Day 1:** If you have registered for the conference, pick up your badge and conference materials. Walk-up registrations also welcome. Time: 08:00 AM - 05:00 PM

09:00 AM

- **Chairman's Welcome and Address:** Sala dei Continenti Time: 09:00 AM - 09:30 AM

09:30 AM

- **359. LONG LIVE THE DATA.** Eric T. Meyer Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:30 AM - 10:30 AM

10:30 AM

- **AM Break and Poster Session - Day 1:** AM Break and Poster Session, Main Building 1st floor, Salone degli Oceani Time: 10:30 AM - 11:00 AM

11:00 AM

- **310. INTRODUCTION: EMPOWERING INTERNATIONAL ECOCOLLABORATION FOR SUSTAINABILITY.** Deborah Paul, Gail Kampmeier, Reed Beaman Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:00 AM - 11:05 AM

11:05 AM

- **350. STRATEGIES AND PARTNERSHIPS FOR ENABLING INFRASTRUCTURE SUSTAINABILITY.** Anne Maglia Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:05 AM - 11:25 AM

11:25 AM

- **508. WE CAN FOSTER COLLABORATION AND IMPROVE THE RESULTS OF BIODIVERSITY INFORMATICS.** Antonio Mauro Saraiva Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:25 AM - 11:45 AM

11:45 AM

- **487. BUILDING SUSTAINABLE BIODIVERSITY INFORMATION SYSTEMS.** Fredrik Ronquist Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:45 AM - 12:05 PM

12:05 PM

- **362. EXPANDING AND SUSTAINING SUB-SAHARAN AFRICAN PARTICIPATION AND COLLABORATION WITH TDWG.** Henry L. Bart, Patricia Mergen Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:05 PM - 12:25 PM

12:30 PM

- **Lunch - Day 1:** Catered lunch Time: 12:30 PM - 02:00 PM

02:00 PM

- **520. BIODIVERSITY DATA QUALITY - ISSUES, METHODS AND TOOLS: INTRODUCTION.** Antonio Mauro Saraiva Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:00 PM - 02:10 PM
- **458. POTENTIAL REFINEMENT OF THE BARCODE DATA STANDARD FOR FORENSIC APPLICATION: THE BARCODE OF WILDLIFE PROJECT.** David E. Schindel Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:00 PM - 02:20 PM

- 537. **WHAT IS A DARWIN CORE OCCURRENCE? (PART 1)**. John Wieczorek Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 02:00 PM - 03:30 PM

02:10 PM

- 470. **PROPOSAL OF A METHODOLOGY FOR DEALING WITH BIODIVERSITY DATA QUALITY**. Allan Koch Veiga, Antonio Mauro Saraiva, Etienne Americo Cartolano Jr. Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:10 PM - 02:30 PM

02:20 PM

- 498. **CREATING A SEMANTIC FRAMEWORK FOR CULTIVATED PLANTS FOR THE INTERNATIONAL E-COLLABORATION ON AGROBIODIVERSITY**. Elizabeth Arnaud, Luca Matteis, Pankaj Jaiwal, Laurel Cooper, Selim Louafi, Pierre Larmande, Caterina Caraciolo, Johannes Keizer, Richard Bruskiwich Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:20 PM - 02:40 PM

02:30 PM

- 354. **BIODIVERSITY DATA: DOMAINS, RICHNESS, USES AND DATA QUALITY DIMENSIONS**. Arthur Chapman Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:30 PM - 02:50 PM

02:40 PM

- 379. **SUCCESS IN BROADENING PARTICIPATION AND ENGAGEMENT IN DIGITIZATION**. Deborah Paul Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:40 PM - 03:00 PM

02:50 PM

- 510. **DATA QUALITY PROCESSES USED IN THE ATLAS OF LIVING AUSTRALIA**. Paul Kenneth Flemons Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:50 PM - 03:10 PM

03:00 PM

- 343. **USE IT OR LOSE IT: CROWDSOURCING SUPPORT AND OUTREACH ACTIVITIES IN A HYBRID SUSTAINABILITY MODEL FOR E-INFRASTRUCTURES – THE VIBRANT PROJECT CASE STUDIES**. Dimitrios Koureas, Laurence Livermore, Dave Roberts, Vincent Smith Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:00 PM - 03:20 PM

03:10 PM

- 382. **COLLABORATIVE VALIDATION OF VISUAL DATA THROUGH THE PL@NTNET IDENTIFICATION SYSTEM**. Samuel Dufour-Kowalski, Jeremy Salinier, Aurelien Peronnet, Jennifer Carré, Jean-Pascal Milcent, Hervé Goëau, Alexis Joly, Nozha Boujemaa, Pierre Bonnet, Julien Barbe, Jean-Francois Molino, Daniel Barthélémy Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 03:10 PM - 03:30 PM

03:30 PM

- **PM Break and Poster Session - Day 1**: Break and Poster Session, Main Building 1st floor, Salone degli Oceani Time: 03:30 PM - 04:00 PM

04:00 PM

- 445. **LINKING SYSTEMS TO IMPROVE DATA QUALITY**. Javier Otegui, Robert Guralnick Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:00 PM - 04:05 PM

- 410. **NEON'S COLLECTIONS PROGRAM: DEVELOPING A COLLABORATIVE NETWORK OF MUSEUMS AND A RESOURCE IN SUPPORT OF BIODIVERSITY RESEARCH.** Michael W. Denslow Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:00 PM - 04:20 PM
- 538. **WHAT IS A DARWIN CORE OCCURRENCE? (PART 2).** Richard L. Pyle Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:00 PM - 05:30 PM
- 442. **THE ECONOMIC BOTANY DATA COLLECTION STANDARD.** Nicky Nicolson Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 04:00 PM - 05:30 PM

04:05 PM

- 441. **A DATA QUALITY MANAGEMENT MODULE FOR BEXIS.** Michael Owonibi, Roman Gerlach, Andreas Ostrowski, Eleonora Petzold, Birgitta König-Ries Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:05 PM - 04:20 PM

04:20 PM

- 505. **THE ELEMENTS OF COLLABORATION IN TDWG.** Stanley Blum Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:20 PM - 04:40 PM
- 469. **PROPOSAL OF A METADATA SCHEMA FOR BIODIVERSITY DATA QUALITY.** Allan Koch Veiga, Antonio Mauro Saraiva, Anarosa Alves Franco Brandão, Etienne Americo Cartolano Jr. Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:20 PM - 04:40 PM

04:40 PM

- 369. **DOCUMENTING DATA QUALITY IN A GLOBAL NETWORK: THE CHALLENGE FOR GBIF.** Éamonn Ó Tuama, Andrea Hahn, Samy Gaiji Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:40 PM - 05:00 PM
- 534. **PANEL DISCUSSION: EMPOWERING INTERNATIONAL COLLABORATION FOR SUSTAINABILITY.** Reed S. Beaman, Deborah Paul, Gail Kampmeier Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:40 PM - 05:30 PM

05:00 PM

- 521. **DISCUSSION.** Antonio Mauro Saraiva Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 05:00 PM - 05:30 PM

05:30 PM

- **Adjourn Day 1** Time: 05:30 PM - 05:30 PM

Tuesday 2013-10-29

08:00 AM

- **Registration - Day 2:** If you have registered for the conference, pick up your badge and conference materials. Walk-up registrations also welcome. Time: 08:00 AM - 05:00 PM

09:00 AM

- **Pre-election Buzz:** Sala dei Continenti Time: 09:00 AM - 09:30 AM

09:30 AM

- **549. WEB SERVICES AND WORKFLOWS: THE DIGITAL OBSERVATORY OF PROTECTED AREAS.** Andrew Cottam, Gregoire Dubois Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:30 AM - 10:30 AM

10:30 AM

- **AM Break and Poster Session - Day 2:** AM Break and Poster Sessions - Day 2, Main Building 1st floor, Salone degli Oceani Time: 10:30 AM - 11:00 AM

11:00 AM

- **347. GEOREFERENCING FISHES: A COMMUNITY-BASED MODEL.** Nelson Rios, Henry Bart Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:00 AM - 11:10 AM
- **408. A CURRENT OVERVIEW OF THE BIODIVERSITY HERITAGE LIBRARY.** Martin R. Kalfatovic Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:00 AM - 11:13 AM
- **539. CLARIFYING THE RELATIONSHIP BETWEEN DWC:BASISOFRECORD, RDF:TYPE, AND THE DWC TYPE VOCABULARY.** Joel Sachs Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 11:00 AM - 12:30 PM
- **336. ANNOTATIONS INTEREST GROUP.** Paul J Morris Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 11:00 AM - 12:30 PM

11:10 AM

- **429. IDIGBIO'S PUBLIC PARTICIPATION IN DIGITIZATION MANAGEMENT SYSTEM.** Austin Mast, Elizabeth Ellwood, Robert Bruhn, Greg Riccardi Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:10 AM - 11:20 AM

11:14 AM

- **443. FINDING A GOLDMINE OF NATURAL HISTORY ILLUSTRATIONS WITHIN BHL TEXTS: THE ART OF LIFE PROJECT.** Trish Rose-Sandler Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:14 AM - 11:27 AM

11:20 AM

- **376. CITIZEN SCIENCE, OPPORTUNITY COSTS AND GROWING PAINS: NOTES FROM NATURE TURNS 4 MONTHS OLD.** Rob Penn Guralnick Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:20 AM - 11:30 AM

11:28 AM

- **422. BIODIVERSITY HERITAGE LIBRARY FOR EUROPE - PAST, PRESENT AND FUTURE.** Jiri Frank Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:28 AM - 11:41 AM

11:30 AM

- 342. RECRUITING THE GENERAL PUBLIC : RESULTS AFTER 10 MONTHS OF HERBARIUM LABELS TRANSCRIPTION. Simon Chagnoux Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:30 AM - 11:40 AM

11:40 AM

- 329. ENGAGING CITIZENS IN SPECIMEN DIGITIZATION AT THE NEW YORK BOTANICAL GARDEN HERBARIUM SPECIMENS. Barbara Mary Thiers Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:40 AM - 11:50 AM

11:42 AM

- 511. DISCOVERING AFRICAN BIODIVERSITY LITERATURE COLLECTIONS. Lucy Waruingi Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:42 AM - 11:55 AM

11:50 AM

- 400. CROWD SOURCING CLIMATE CHANGE RESEARCH. Elizabeth Ellwood, Richard Primack, Peter Everill, Jane Marsching, Matthew Shanley Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:50 AM - 12:00 PM

11:56 AM

- 455. EXPANDING THE BIODIVERSITY HERITAGE LIBRARY. William Ulate Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:56 AM - 12:09 PM

12:00 PM

- 473. CROWD SOURCING AND COMMUNITY MANAGEMENT CAPABILITIES AVAILABLE WITHIN SYMBIOTA DATA PORTALS. Nico Franz, Corinna Gries, Edward Gilbert Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:00 PM - 12:10 PM

12:10 PM

- 438. PLEASE PHRASE YOUR QUESTION IN THE FORM OF FEEDBACK.... Constance Rinaldo Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 12:10 PM - 12:20 PM
- 535. PANEL DISCUSSION: BUILDING & MAINTAINING CROWD SOURCING WEBSITES & THEIR COMMUNITIES. Paul Kenneth Flemons Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:10 PM - 12:30 PM

12:20 PM

- 309. QUESTIONS & DISCUSSION: CRAFTING THE FUTURE OF A GLOBAL BIODIVERSITY HERITAGE LIBRARY FOR DIVERSE COMMUNITY'S NEEDS: THE CASE OF SCIENTISTS.. Martin Kalfatovic Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 12:20 PM - 12:30 PM

12:30 PM

- **Lunch - Day 2** Time: 12:30 PM - 02:00 PM

02:00 PM

- 326. THE DATA QUALITY INITIATIVE AT THE BOTANIC GARDEN AND BOTANICAL MUSEUM BERLIN-DAHLEM. David Fichtmueller Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:00 PM - 02:15 PM

- 388. USING THE TAVERNA WORKFLOW TOOL SUITE FOR BIODIVERSITY RESEARCH IN THE BIOVEL PROJECT.. Norman Morrison Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:00 PM - 02:18 PM
- 547. WORKSHOP: BIODIVERSITY FOR COOPERATION AND DEVELOPMENT. Patricia Mergen Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 02:00 PM - 03:30 PM
- 546. IMAGE INTEREST GROUP, MULTIMEDIA RESOURCES TASK GROUP (MRTG) REPORT AND DISCUSSION. Robert A Morris Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 02:00 PM - 03:30 PM

02:15 PM

- 337. DATA QUALITY CHALLENGES IN THE CANADENSYS NETWORK OF OCCURRENCE RECORDS: EXAMPLES, TOOLS, AND SOLUTIONS. Christian Gendreau, David P. Shorthouse Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:15 PM - 02:30 PM

02:18 PM

- 353. BIODIVERSITY INFORMATICS SERVICES: FIT FOR USE?. Cherian Mathew Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:18 PM - 02:36 PM

02:30 PM

- 340. VESPER - VISUAL EXPLORATION OF SPECIES-REFERENCED REPOSITORIES. Martin Graham, Jessie Kennedy Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:30 PM - 02:45 PM

02:36 PM

- 333. PROVENANCE IN SCIENTIFIC WORKFLOWS: CHALLENGES AND OPPORTUNITIES FOR BIODIVERSITY INFORMATICS. Bertram Ludaescher, Paolo Missier, David Lowery, Tianhong Song, Maureen Kelly, Sven Koehler, James Macklin, Paul Morris, Robert Morris, James Hanken Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:36 PM - 02:54 PM

02:45 PM

- 502. SCAN - SOUTHWEST COLLECTIONS OF ARTHROPODS NETWORK: LEVERAGING FILTERED PUSH TECHNOLOGY TO ENHANCE REMOTE TAXONOMIC IDENTIFICATIONS. Nico Franz Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:45 PM - 02:50 PM

02:50 PM

- 523. BEYOND BARRIERS: EXPORTING DATA QUALITY ASSESSMENTS FROM SPAIN. Arturo H. Ariño, Francisco Pando, Javier Otegui Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:50 PM - 03:05 PM

02:54 PM

- 356. IMPROVING NATURAL SCIENCE COLLECTIONS DATA THROUGH QUALITY CONTROL FOR RESEARCH USING WORKFLOWS EMBEDDED IN A FILTEREDPUSH NETWORK. James A Macklin, James Hanken, Maureen Kelly, Sven Koehler, David B Lowery, Bertram Ludaescher, Paul J Morris, Robert A Morris, Tianhong Song Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:54 PM - 03:12 PM

03:05 PM

- 522. **DISCUSSION**. Antonio Mauro Saraiva Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 03:05 PM - 03:30 PM

03:12 PM

- 348. **PROVIDING STATISTICAL ALGORITHMS AS-A-SERVICE**. Gianpaolo Coro, Pasquale Pagano, Leonardo Candela Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:12 PM - 03:30 PM

03:30 PM

- **PM Break and Poster Session - Day 2**: PM Break and Poster Session - Day 2, Main Building 1st floor, Salone degli Oceani Time: 03:30 PM - 04:00 PM

04:00 PM

- 450. **IDIGBIO DATA INTEGRATION WITH SELF-REFERENTIAL SCHEMAS**. Sarfaraz Ahmed Soomro, Andrea Matsunaga, José A. B. Fortes Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:00 PM - 04:15 PM
- 506. **USING AND EXTENDING DARWIN CORE FOR STRUCTURED ATTRIBUTE DATA**. Cynthia Parr, Patrick Leary, Jennifer Hammock, Katja Schulz, Nathan Wilson Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:00 PM - 04:20 PM
- 448. **PRIMER ON SEMANTIC TECHNOLOGIES**. Steve Baskauf, Mark Schildhauer Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:00 PM - 05:00 PM
- 396. **BIOLOGICAL DESCRIPTIONS & IDENTIFICATION METHODS**. Gregor Hagedorn Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 04:00 PM - 05:00 PM

04:15 PM

- 332. **FOBIOS: A FUNCTIONAL ONTOLOGY FOR BIODIVERSITY STANDARDS INTEROPERABILITY**. Silvia Scheunemann, Fabiana Soares Santana, Anarosa Alves Franco Brandao Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:15 PM - 04:30 PM

04:20 PM

- 515. **WORLD FLORA ONLINE**. Chuck Miller Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:20 PM - 04:40 PM

04:30 PM

- 317. **THE USE OF OPTICAL CHARACTER RECOGNITION (OCR) IN THE DIGITISATION OF HERBARIUM SPECIMENS**. Elspeth M Haston, Robyn E Drinkwater, Robert Cubey Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:30 PM - 04:45 PM

04:40 PM

- 334. **STABLE IDENTIFIERS AND THEN QUICKLY BEYOND**. Gregor Hagedorn Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:40 PM - 05:00 PM

04:45 PM

- 430. **STREAMLINING MATERIAL- AND DATA FLOW WITHIN THE GERMAN BARCODE OF LIFE PROJECT, GBOL**. Christian Köhler, Peter Grobe Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:45 PM - 05:00 PM

05:00 PM

- 447. **THE NATURAL HISTORY MUSEUM DATA PORTAL**. Ben Scott Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:00 PM - 05:05 PM
- 392. **LINNAEUS NEXT GENERATION FOR SPECIES INFORMATION AND IDENTIFICATION**. Wouter Addink, Maarten Schermer, Ruud Altenburg, Huub Veldhuijzen, Edwin van Spronsen, Peter Schalk Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 05:00 PM - 05:15 PM
- 514. **STRATEGIES AND VOCABULARIES FOR REPRESENTING INTERACTIONS AMONG BIODIVERSITY OBJECTS**. Greg Riccardi Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 05:00 PM - 05:15 PM

05:05 PM

- 387. **A TAXONOMIST'S GUIDE TO HOMO SAPIENS COMPUTANS**. David King Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:05 PM - 05:10 PM

05:10 PM

- 401. **NATURAL HISTORY COLLECTIONS AS VALUABLE SOURCES OF BIODIVERSITY DATA; SOLUTION BY MUSEION**. Jiri Frank, Pavel Mlcoch Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:10 PM - 05:15 PM

05:15 PM

- 393. **BIH 2013: A GOAL TO UNITE COMMUNITIES**. Alex Hardisty, Dave Roberts Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:15 PM - 05:20 PM
- 543. **DISCUSSION - BEYOND DARWIN CORE**. Greg Riccardi Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 05:15 PM - 05:30 PM

05:30 PM

- **Adjourn - Day 2** Time: 05:30 PM - 05:30 PM

Wednesday, 2013-10-30

08:00 AM

- **Registration - Day 3:** If you have registered for the conference, pick up your badge and conference materials. Walk-up registrations also welcome. Time: 08:00 AM - 05:00 PM

09:00 AM

- **Interest & Task Group Reports:** Sala dei Continenti Time: 09:00 AM - 09:30 AM

09:30 AM

- **517. THE COMMON INFRASTRUCTURE OF THE GLOBAL EARTH OBSERVATION SYSTEM OF SYSTEMS (GEOSS) APPLYING A BROKERING APPROACH.** Stefano Nativi, Max Graglia
Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:30 AM - 10:30 AM

10:30 AM

- **AM Break and Poster Session - Day 3:** AM Break and Poster Session - Day 3, Main Building 1st floor, Salone degli Oceani Time: 10:30 AM - 11:00 AM

11:00 AM

- **428. SUSTAINING A BIODIVERSITY DATA INFRASTRUCTURE: OPENUP!, BIOCASE, AND GBIF.** Walter G. Berendsohn Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:00 AM - 11:10 AM
- **446. THE GEOSS BROKERING SYSTEM.** Paolo Mazzetti, Stefano Nativi, Mattia Santoro, Fabrizio Papeschi Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:00 AM - 11:15 AM
- **540. DEVELOPMENT OF PROPOSALS AND DOCUMENTATION; FUTURE DIRECTIONS.** James Alexander Macklin Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 11:00 AM - 12:30 PM
- **311. GENOMIC BIODIVERSITY WORKING INTEREST GROUP (GBWG).** John Deck
Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 11:00 AM - 12:30 PM

11:10 AM

- **426. BIOCASE PROVIDER SOFTWARE & BIOCASE MONITOR SERVICE.** Falko Gloeckler
Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:10 AM - 11:20 AM

11:15 AM

- **325. GBIF'S ROLE IN THE EARTH OBSERVATION SYSTEM.** Tim Robertson, Éamonn Ó Tuama
Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:15 AM - 11:30 AM

11:20 AM

- **431. DATA QUALITY TOOLKIT (DQT).** Anton Güntsch Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:20 AM - 11:30 AM

11:30 AM

- 482. **NATURAL HISTORY MEETS CULTURE**. Heimo Rainer, Koller Wolfgang Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:30 AM - 11:40 AM
- 412. **INTEGRATED DIGITIZED BIOCOLLECTIONS (IDIGBIO) CYBERINFRASTRUCTURE STATUS AND FUTURES**. Andréa Matsunaga, Renato Figueiredo, Alex Thompson, Gregory Traub, Reed Beaman, José A. B. Fortes Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:30 AM - 11:45 AM

11:40 AM

- 425. **ABCDEFGH SCHEMA OVERVIEW**. Falko Gloeckler Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:40 AM - 11:45 AM

11:45 AM

- 432. **IPR IN THE BIODIVERSITY INFORMATION AND NATURAL HISTORY DOMAIN**. Boris Jacob Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:45 AM - 11:55 AM
- 413. **ESTABLISHING A SYSTEMS INFRASTRUCTURE FOR GEO BON**. Wim Hugo Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:45 AM - 12:00 PM

11:55 AM

- 434. **EUROPEANA API SERVICES**. Boris Jacob Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:55 AM - 12:00 PM

12:00 PM

- 424. **OPENUP! MOBILISED DATA OVERVIEW / BENEFITS AND POSSIBILITIES FOR CONTENT PROVIDERS**. Jiri Frank Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 12:00 PM - 12:10 PM
- 371. **INTEGRATING OBSERVATION AND SURVEY DATA FOR PRODUCTION OF ESSENTIAL BIODIVERSITY VARIABLES – THE EU BON APPROACH**. Hannu Saarenmaa Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:00 PM - 12:15 PM

12:10 PM

- 435. **GLOBAL GENOME BIODIVERSITY NETWORK (GGBN) DATA PORTAL & ABCDDNA**. Gabriele Dröge Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 12:10 PM - 12:20 PM

12:30 PM

- **Lunch - Day 3** Time: 12:30 PM - 01:30 PM

01:45 PM

- **Business Meeting**: Sala dei Continenti - all conference attendees are TDWG members and are encouraged to attend. Time: 01:45 PM - 02:20 PM

02:30 PM

- 453. **CROWD SOURCING IN AN ATTENTION ECONOMY**. Olivier Rovellotti, Julie Chabalier, Amandine Sahl Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 02:30 PM - 02:45 PM
- 322. **INCENTIVISING BIODIVERSITY DATA PUBLISHING: GBIF-PENSOFT PARTNERSHIP**. Vishwas Chavan, Lyubomir Penev, Teodor Georgiev Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:30 PM - 02:45 PM

02:32 PM

- 493. **AN RDF GUIDE FOR THE TDWG DARWIN CORE STANDARD.** Steven Baskauf, John Wieczorek, John Deck, Campbell Webb, Mark Schildhauer Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:32 PM - 02:41 PM

02:41 PM

- 485. **BUILDING A BIODIVERSITY INFORMATION NETWORK USING PERSISTENT, RESOLVABLE IDENTIFIERS.** John Deck, Robert Guralnick, John Kunze Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:41 PM - 02:50 PM

02:45 PM

- 406. **TOWARDS A COLLABORATIVE VIRTUAL ARCTIC LICHEN FLORA PROJECT.** Thomas Hawkes Nash III, Corinna Gries, Edward Gilbert, Benjamin Brandt, Alfonso Doucette, Mark Allen Wetter, Ken M Cameron Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 02:45 PM - 03:00 PM
- 367. **NEXT GENERATION SEQUENCING REQUIRES NEXT GENERATION PUBLISHING: THE BIODIVERSITY DATA JOURNAL PUBLISHED THE FIRST EUKARYOTIC NEW SPECIES WITH A FULLY SEQUENCED TRANSCRIPTOME, DNA BARCODE AND MICROCOMPUTED TOMOGRAPHY.** Lyubomir Penev, Pavel Stoev, Ana Komericki, Nesrine Akkari, Shalini Li, Xin Zhou, Scott Edmunds, Chris Hunter, Alexander Weigand, David Porco, Marzio Zapparoli, Teodor Georgiev, Daniel Mietchen, Dave Roberts, Vincent Smith Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 02:45 PM - 03:00 PM

02:50 PM

- 477. **SEMANTIC APPROACH FOR COLLECTION DATA VIA OPEN DATA WEBS INSTEAD OF CLOSED SYSTEMS.** Falko Glöckler, Alexander Kroupa, Anton Güntsch, Gregor Hagedorn Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:50 PM - 02:59 PM

02:59 PM

- 474. **THE BISCICOL TRIPLIFIER: BRINGING LEGACY BIODIVERSITY DATA TO THE SEMANTIC WEB.** Brian Stucky, Robert Guralnick, John Deck, Tom Conlin Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 02:59 PM - 03:08 PM

03:00 PM

- 460. **SEAICE: A CROSS-DOMAIN CROWD-SOURCED METADATA VOCABULARY.** John Kunze, Jane Greenberg, Sarah Callaghan, Robert Guralnick, Greg Janee, Angela Murillo, Nassib Nassar, Christopher Patton, Karthik Ram, Jim Regetz, Tim Robertson Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 03:00 PM - 03:15 PM
- 320. **NPG-GBIF ROADMAP FOR BIODIVERSITY DATA PUBLISHING THROUGH SCIENTIFIC DATA.** Susanna Sansone, Vishwas Chavan Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 03:00 PM - 03:15 PM

03:08 PM

- 480. **THE INGEST AND USES OF SPECIMEN LABEL DATA INTO SEMANTIC KNOWLEDGE STORES.** Bryan Heidorn, Steven Chong Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:08 PM - 03:17 PM

03:15 PM

- 418. **EXPLORING THE FUTURE OF SCHOLARLY PUBLISHING OF BIODIVERSITY DATA.** Vishwas Chavan Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 03:15 PM - 03:30 PM
- 373. **XPER3: INTRODUCING SOCIAL TAXONOMY.** Thomas Burguiere, Florian Causse, Antoine Bergamaschi, Nils Paulhe, Anais Grand, Frederic Lison, Visotheary Ung, Regine Vignes-Lebbe Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 03:15 PM - 03:30 PM

03:17 PM

- 481. **SEMANTECO ANNOTATOR FOR LINKED DATA GENERATION AND GENERALIZED SEMANTIC MAPPING.** Patrice Seyed, Katherine Chastain, Brendan Ashby, Yue Liu, Timothy Lebo, Evan Patton, Deborah McGuinness Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:17 PM - 03:26 PM

03:26 PM

- 475. **MODELING PROPERTY VALUES: IS SKOS PART OF THE SOLUTION OR PART OF THE PROBLEM? KNOWLEDGE REPRESENTATION ISSUES..** Robert A. Morris Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:26 PM - 03:35 PM

03:30 PM

- 457. **DIVERSITYMOBILE AS PART OF THE DIVERSITY WORKBENCH PLATFORM – A DATA PIPELINE FROM SMARTPHONE RECORDING UP TO GBIF ACCESS.** Tanja Weibulat, Georg Rollinger, Wolfgang Reichert, Markus Weiss, Dieter Neubacher, Bernhard Volz, Gerhard Rambold, Dagmar Triebel Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 03:30 PM - 03:45 PM
- 544. **PANEL DISCUSSION - SCHOLARLY DATA PUBLISHING.** Lyubomir Penev, Susanna Sansone, Vishwas Chavan Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 03:30 PM - 04:00 PM

03:35 PM

- 335. **SEMANTIC MATCHING OF INTERESTS TO ANNOTATIONS WITH SPARQL QUERIES ON REASONED TRIPLES.** Paul J Morris, James Hanken, Maureen Kelly, David Lowery, Bertram Ludäscher, James A. Macklin, Robert A Morris, Tianhong Song Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:35 PM - 03:44 PM

03:44 PM

- 486. **A FACETED SEARCH SYSTEM FOR FACILITATING THE UNDERSTANDING AND THE PREDICTION OF ECOSYSTEM CHANGES.** Marie-Angélique Laporte, Eric Garnier, Isabelle Mougnot Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 03:44 PM - 03:53 PM

04:00 PM

- **PM Break and Poster Session - Day 3:** PM Break and Poster Session - Day 3, Main Building 1st floor, Salone degli Oceani Time: 04:00 PM - 04:30 PM

04:30 PM

- 550. **OPENING REMARKS.** Patricia Mergen, Henry L. Bart Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:30 PM - 04:40 PM
- 345. **VIBRANT: PROGRESS TOWARDS AN INTEGRATED FRAMEWORK.** Vince Smith, Dave Roberts Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:30 PM - 04:45 PM

- 409. SEMANTICS4BIODIVERSITY. Elizabeth Arnaud Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 04:30 PM - 06:00 PM

04:35 PM

- 427. AN IDIGBIO PERSPECTIVE ON DARWIN CORE ARCHIVES. Alexander Thompson, Jose Fortes, Andrea Matsunaga Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:35 PM - 04:45 PM

04:40 PM

- 386. COPING WITH THE TECHNICAL AND INSTITUTIONAL CHANGING CONTEXT IN COOPERATION DEVELOPMENT PROJECTS.. Franck Theeten Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:40 PM - 04:55 PM

04:45 PM

- 527. DARWIN CORE ARCHIVE AND THE GLOBAL GENOME BIODIVERSITY NETWORK. Gabriele Droege, Katharine Barker, Paul Flemons Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:45 PM - 04:55 PM
- 318. EMONOCOT - A SUCCESSFUL VIRTUAL COMMUNITY. Annapaola Santarsiero, Benjamin Clark, Joseph Kelly, Charles Godfray Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 04:45 PM - 05:00 PM

04:55 PM

- 526. DARWIN CORE ARCHIVES AND THE ENCYCLOPEDIA OF LIFE. Patrick Leary Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 04:55 PM - 05:05 PM
- 383. OPENING UP THE AFRICAN SAVANNAH BIODIVERSITY INFORMATION. kudzai mafuwe Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 04:55 PM - 05:10 PM

05:00 PM

- 338. USING ELASTICSEARCH AS A FAST, FLEXIBLE, AND SCALABLE SOLUTION TO SEARCH OCCURRENCE RECORDS AND CHECKLISTS. Christian Gendreau, Marie-Elise Lecoq, David P. Shorthouse, Luc Brouillet Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 05:00 PM - 05:15 PM

05:05 PM

- 529. DISCUSSION - DARWIN CORE ARCHIVES: BEYOND STAR SCHEMA. Gabriele Droege, Patrick Leary Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 05:05 PM - 06:00 PM

05:10 PM

- 417. THE USE OF PLANTS DATABASE TO IDENTIFY GAPS IN BIODIVERSITY CONSERVATION NETWORK IN MADAGASCAR.. Tantely Raminosoa Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:10 PM - 05:25 PM

05:15 PM

- 346. A DECADAL VIEW OF BIODIVERSITY INFORMATICS: CHALLENGES AND PRIORITIES. Alex Hardisty, Dave Roberts Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 05:15 PM - 05:30 PM

05:25 PM

- 500. A BIOINFORMATICS JOURNEY TOWARDS BIODIVERSITY INFORMATION AVAILABILITY AND USE IN RWANDA. Prosper Karame Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:25 PM - 05:40 PM

05:30 PM

- 507. ENCYCLOPEDIA OF LIFE TRAITBANK DEMONSTRATION. Cyndy Parr Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 05:30 PM - 05:45 PM

05:40 PM

- 440. A BIODIVERSITY NETWORK DATA CENTRE FOR AFRICA. Wim Hugo Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 05:40 PM - 05:55 PM

06:00 PM

- **Adjourn - Day 3** Time: 06:00 PM - 06:00 PM

Thursday, 2013-10-31

08:00 AM

- **Registration - Day 4:** If you have registered for the conference, pick up your badge and conference materials. Walk-up registrations also welcome. Time: 08:00 AM - 02:00 PM

09:00 AM

- 528. **INTRODUCTION TO VOMAG.** Éamonn Ó Tuama Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:00 AM - 09:05 AM
- 374. **TOWARDS A GLOBAL NAMES ARCHITECTURE: A NAMES-BASED BACKBONE FOR INTEGRATING GLOBAL BIODIVERSITY DATA.** Richard L. Pyle Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:00 AM - 09:15 AM
- 495. **SHARING PHYLOGENETIC DATA: EVEN MORE VITAL FOR MORPHOLOGICAL DATA.** Ross Mounce Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:00 AM - 09:15 AM
- 541. **SPECIES INFORMATION INTEREST GROUP - APPROVED!** Francisco Pando Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 09:00 AM - 10:30 AM

09:05 AM

- 530. **THE TDWG ONTOLOGIES.** Steve Baskauf Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:05 AM - 09:20 AM

09:15 AM

- 492. **ASSEMBLING A DRAFT OVERALL TREE OF LIFE FROM PHYLOGENETIC TREES AND TAXONOMIC DATABASES.** Jonathan A Rees Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:15 AM - 09:25 AM
- 439. **A NAMES BACKBONE – A GRAPH OF TAXONOMY.** Nicky Nicolson Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:15 AM - 09:30 AM

09:20 AM

- 531. **A FRAMEWORK FOR MANAGING VOCABULARIES.** Dag Endresen Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:20 AM - 09:35 AM

09:25 AM

- 525. **PHYLOTASTIC - NAMES-BASED PHYLOINFORMATIC DATA INTEGRATION.** Rutger Vos Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:25 AM - 09:35 AM

09:30 AM

- 370. **DYNAMICS OF TAXON CONCEPTS: HOW TO HANDLE CHANGES OF TAXONOMIC INFORMATION, AND WHY?.** Oskar Kindvall Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:30 AM - 09:45 AM

09:35 AM

- 484. **SEMANTIC MEDIAWIKI - A COMMUNITY PLATFORM FOR VOCABULARY DEVELOPMENT.** Gregor Hagedorn Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:35 AM - 09:45 AM
- 366. **NUMERICAL TREE REPRESENTATIONS AND THEIR APPLICATION TO MCMC PHYLOGENETIC INFERENCE, PHYLOGENETIC SIGNAL, AND ... DATABASE QUERY.** Saverio Vicario Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:35 AM - 09:45 AM

09:45 AM

- 363. SUPERSMART: SELF-UPDATING PLATFORM FOR ESTIMATING RATES OF SPECIATION AND MIGRATION, AGES AND RELATIONSHIPS OF TAXA. Alexandre Antonelli
Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:45 AM - 09:55 AM
- 375. DEVELOPING A VOCABULARY: THE SINP USE CASE. Julie Chataigner, Laurent Poncet
Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:45 AM - 09:55 AM
- 483. CONCEPTS AND TOOLS NEEDED TO INCREASE BOTTOM-UP TAXONOMIC EXPERT PARTICIPATION IN A GLOBAL NAMES-BASED INFRASTRUCTURE. Nico Franz, David Patterson, Sudhir Kumar, Edward Gilbert Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:45 AM - 10:00 AM

09:55 AM

- 532. MODELING PROPERTY VALUES: IS SKOS PART OF THE SOLUTION OR PART OF THE PROBLEM?. Robert A Morris Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:55 AM - 10:05 AM
- 444. QUEST FOR ORTHOLOGS: ANCHORING COMPARATIVE BIOLOGY RESEARCH. Suzanna Lewis, Quest for Orthologs Consortium Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:55 AM - 10:05 AM

10:00 AM

- 380. DESIGN OF "LODAC SPECIES" AS A NAMES-BASED LINKED OPEN DATA ARCHITECTURE. Akihiro Kameda, Fumihiko Kato, Utsugi Jimbo, Ikki Ohmukai, Hideaki Takeda Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 10:00 AM - 10:15 AM

10:05 AM

- 536. PANEL DISCUSSION: SHARING & DELIVERY OF REUSABLE PHYLOGENETIC KNOWLEDGE. Hilmar Lapp Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 10:05 AM - 10:30 AM
- 533. GENERAL DISCUSSION - OUTCOMES OF THE TDWG VOCABULARY MANAGEMENT TASK GROUP. Éamonn Ó Tuama Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 10:05 AM - 10:30 AM

10:15 AM

- 489. WHAT TAXONOMIC INFORMATION IS 'OPEN ACCESS'?. Donat Agosti, Gregor Hagedorn, Willi Egloff, David Patterson Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 10:15 AM - 10:30 AM

10:30 AM

- **AM Break and Poster Session - Day 4:** AM Break and Poster Session - Day 4, Main Building 1st floor, Salone degli Oceani Time: 10:30 AM - 11:00 AM

11:00 AM

- 321. TOWARDS A DATA CITATION METRIC. Edward Baker Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 11:00 AM - 11:15 AM
- 389. BIONYM – A FLEXIBLE WORKFLOW APPROACH TO TAXON NAME MATCHING. Edward Vanden Berghe, Nicolas Bailly, Caselyn Aldemita, Fabio Fiorellato, Gianpaolo Coro, Anton Ellenbroek, Pasquale Pagano Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:00 AM - 11:15 AM

- 548. **WORKSHOP: SHARING & DELIVERY OF REUSABLE PHYLOGENETIC KNOWLEDGE.** Rutger Vos, Nico Cellinese, Hilmar Lapp Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:00 AM - 12:30 PM
- 545. **USE OF SEMANTIC MEDIAWIKI FOR VOCABULARY MANAGEMENT (HACKATHON).** Gregor Hagedorn, Dag Endresen, Éamonn Ó Tuama Building: Grand Hotel Mediterraneo Room: Giardino d'Inverno (Theatre III) Time: 11:00 AM - 12:30 PM

11:15 AM

- 399. **THE EDIT PLATFORM FOR CYBERTAXONOMY AS AN INFORMATION BROKER IN NAME INFRASTRUCTURES.** Andreas Kohlbecker, Yde de Jong, Cherian Mathew, Lorna Morris, Andreas Müller, Anton Güntsch, Walter Berendsohn Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:15 AM - 11:30 AM
- 360. **ASSISTED RESTRUCTURE OF WEB CONTENT FOR PAPER-BASED PRESENTATION: A LOOK AT WORK FLOWS AND DATA REPRESENTATIONS.** Alice Heaton, Simon Rycroft, Ed Baker, Katherine Bouton, Ben Scott, Koureas Dimitris, Laurence Livermore, Dave Roberts, Vince Smith Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 11:15 AM - 11:30 AM

11:30 AM

- 361. **SCRATCHPADS: THE VIRTUAL RESEARCH ENVIRONMENT FOR BIODIVERSITY DATA.** Simon Rycroft, Dave Roberts, Vince Smith, Alice Heaton, Katherine Bouton, Laurence Livermore, Dimitris Koureas, Ed Baker Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:30 AM - 11:45 AM
- 509. **BIBLIOGRAPHY OF LIFE (REFBANK AND REFINER): A TOOL TO DISCOVER, DOWNLOAD, CORRECT, AND FORMAT BIBLIOGRAPHIC REFERENCES.** Guido Sautter, Jordan Biserkov Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 11:30 AM - 11:45 AM

11:45 AM

- 358. **IN THE HOT SEAT: MANAGING DATA- AND WORKFLOWS BETWEEN BIOLOGISTS AND COMPUTERS.** Dmitry Schigel, Hanna Koivula, Esko Piirainen, Eija-Leena Laiho Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:45 AM - 11:50 AM
- 433. **PENSOFT WRITING TOOL (PWT) AND BIODIVERSITY DATA JOURNAL (BDJ) INTEGRATE DATA AND NARRATIVE (TEXT) PUBLISHING.** Teodor Georgiev, Jordan Biserkov, Lyubomir Penev Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 11:45 AM - 12:00 PM

11:50 AM

- 355. **DEVELOPMENT OF A DATAPORTAL PROVIDING EUROPEAN TAXONOMIC INFORMATION: PAST ACTIVITIES AND FUTURE PLANS.** Simon Claus, Yde de Jong, Klaas Deneudt, Bart Vanhoorne, Francisco Hernandez Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:50 AM - 11:55 AM

11:55 AM

- 476. **A PAN-EUROPEAN SPECIES-DIRECTORIES INFRASTRUCTURE (PESI).** Yde de Jong, Florian Wetzel, Gregor Hagedorn, Falko Gloeckler, Christoph Haeuser, Marc Geoffroy, Eckhard von Raab-Straube, Anton Guentsch, Walter Berendsohn, Nicola Nicolson, Alan Paton, Paul Kirk, Bart Vanhoorne, Simon Claus, Francisco (Tjess) Hernandez, Jan Mees, Christos Arvanitidis, Hannu Saarenmaa, Valerio Sbordoni, Aaike De Wever, Hendrik Segers, Ulf Gärdenfors, David King Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:55 AM - 12:00 PM

12:00 PM

- **551. TAXONOMIC NAMES-RELATED POSTER INTRODUCTIONS.** Richard L. Pyle
Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:00 PM - 12:30 PM

12:30 PM

- **Lunch and Business Meeting - Day 4:** Business Meeting and Lunch Time: 12:30 PM - 02:00 PM

02:00 PM

- **Adjourn - Day 4:** Afternoon break - Free afternoon for tours Time: 02:00 PM - 02:00 PM

07:00 PM

- **Banquet at Osteria dei Baroncelli:** The Social Dinner will be on Thursday, October 31st at the Osteria dei Baroncelli at Chiasso dei Baroncelli, 1. Ph.055 288219. Banquet tickets are 55 Euros and are not part of your registration fee. Tickets may be available for purchase before the event from the Registration Desk. It is located behind Piazza della Signoria, in the oldest heart of the city, a stunning frame for an unforgettable evening. see also <http://www.tdwg.org/conference-2013/#c1507> for map and further description. Time: 07:00 PM - 09:00 PM

Friday, 2013-11-01

08:00 AM

- **Registration - Day 5:** If you have registered for the conference, pick up your badge and conference materials. Walk-up registrations also welcome. Time: 08:00 AM - 02:00 PM

09:00 AM

- **404. COUPLING PHENOTYPE DESCRIPTIONS AND PHYLOGENETIC TREES: FROM SDD TO ONTOLOGIES VIA GRAPH DATABASES.** Anaïs Grand, Régine Vignes Lebbe, Eduardo Miranda, André Santanchè Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:00 AM - 09:15 AM
- **552. WORKSHOP: DARWIN CORE DNA AND TISSUE DATA STANDARD FOR THE GLOBAL GENOME BIODIVERSITY NETWORK.** Paul Kenneth Flemons, Katharine Barker, Gabrielle Dröge Building: Grand Hotel Mediterraneo Room: America del Sud (Theatre II) Time: 09:00 AM - 10:30 AM

09:02 AM

- **497. USING DARWIN CORE AS A MODEL: AN ONTOLOGICALLY MINIMALIST APPROACH TO PUBLISHING OCCURRENCE DATA IN RDF.** Joel Sachs Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:02 AM - 09:11 AM

09:11 AM

- **496. USING DARWIN-SW TO ANSWER QUESTIONS ABOUT BIODIVERSITY RESOURCES.** Steven Baskauf, Campbell Webb Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:11 AM - 09:20 AM

09:15 AM

- **357. THE FRENCH STANDARD "OCCURRENCE OF TAXON" : ISSUES, ORGANIZATION AND RESULTS.** Julie Chataigner, Laurent Poncet, Marie-Elise Lecoq, Anne-Sophie Archambeau, Thierry Bourgoïn Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:15 AM - 09:30 AM

09:20 AM

- **501. LINKING BIODIVERSITY DATA WITH THE BIOLOGICAL COLLECTIONS ONTOLOGY.** Ramona Walls, John Deck, Robert Guralnick, John Wieczorek Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:20 AM - 09:33 AM

09:30 AM

- **449. LOST IN ANNOTATION? A PUBLISH-SUBSCRIBE EXTENSION FOR SEMANTIC MEDIAWIKI VOCABULARY MANAGEMENT SYSTEM.** Julie Chabalière, Amandine Sahl, Olivier Rovellotti Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:30 AM - 09:45 AM

09:33 AM

- **504. A NEW METADATA CHECKLIST FOR DESCRIBING SPECIES INVENTORY COMPLETENESS.** Rob Guralnick, Ramona Walls, Walter Jetz Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:33 AM - 09:39 AM

09:39 AM

- **491. IMPLEMENTING A SEMANTIC MEDIATOR TO INTEGRATE FLOWER-VISITING RECORDS FROM SOUTH AFRICAN NATURAL HISTORY MUSEUMS.** Willem Coetzer, Deshendra

Moodley, Auroa Gerber Building: Grand Hotel Mediterraneo Room: Sala dei
Continenti Time: 09:39 AM - 09:52 AM

09:45 AM

- 314. **ONLINE ANNOTATION OF BIODIVERSITY DATA – THE ANNOSYS APPROACH.** Okka Tschoepe, Lutz Suhrbier, Anton Güntsch, Walter G. Berendsohn Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 09:45 AM - 10:00 AM

09:52 AM

- 471. **A TOOLKIT FOR RECONCILING MULTIPLE TAXONOMIC PERSPECTIVES: EULER/X AND THE PERELLESCHUS USE CASE.** Nico Franz, Mingmin Chen, Shizhuo Yu, Shawn Bowers, Bertram Ludäscher Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 09:52 AM - 10:03 AM

10:00 AM

- 316. **HANDS-ON ANNOSYS – MANAGING ANNOTATIONS ONLINE.** Lutz Suhrbier, Okka Tschöpe Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 10:00 AM - 10:15 AM

10:03 AM

- 472. **USING ANSWER SET PROGRAMMING TO SIMULATE THE INTERPLAY OF TAXONOMIC AND NOMENCLATURAL CHANGE.** Nico Franz, Joohyung Lee Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 10:03 AM - 10:11 AM

10:11 AM

- 411. **TEXT MINING FOR BIODIVERSITY ONTOLOGIES.** Mark Schildhauer, Benjamin Adams Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 10:11 AM - 10:24 AM

10:24 AM

- 503. **ONTOLOGY EXTRACTION FROM UNSTRUCTURED TEXT IN THE BIODIVERSITY DOMAIN.** Daniele Cristina Palazzi Krempser, Ana Maria Moura, Maria Luiza Machado Campos, Luiz Gadelha Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 10:24 AM - 10:30 AM

10:30 AM

- **AM Break - Day 5:** AM Break, posters need to be removed after this break - Day 5, Main Building 1st floor, Salone degli Oceani Time: 10:30 AM - 11:00 AM

11:00 AM

- 553. **FROM ARCHIVES TO APPS, THE STORY OF VERTNET.** Aaron Steele, John Wieczorek Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:00 AM - 11:15 AM

11:02 AM

- 456. **LINKING DATA FOR REAL: HOW AND WHY THE CURRENT SITUATION STINKS BIG TIME.** Rob Guralnick, Tom Conlin, Nico Cellinese, John Deck Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:02 AM - 11:11 AM

11:11 AM

- 465. **THE EARTH MICROBIOME PROJECT: PLANETARY-SCALE SYSTEMS ECOLOGY..** Sean Gibbons, Jack Gilbert, Rob Knight, Janet Jansson, Jai Rideout, Antonio Gonzales, Emmanuel Prestat, J Gregory Caporaso Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:11 AM - 11:20 AM

11:15 AM

- 490. **MISS THE FOREST FOR THE TREES: BRINGING TOGETHER MULTIPLE CLASSIFICATIONS.** Heimo Rainer, Wolfgang Koller Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:15 AM - 11:30 AM

11:20 AM

- 466. **IDENTIFICATION OF ENVIRONMENT ONTOLOGY TERMS IN TEXT AND ANNOTATION OF BIODIVERSITY (ENVIRONMENTS-EOL) AND GENOMICS (SEQENV) INFORMATION.** Evangelos Pafilis, Sune Frankild, Umer Ijaz, Lucia Fanini, Sarah Faulwetter, Christina Pavloudi, Julia Schnetzer, Aikaterini Vasileiadou, Christos Arvanitidis, Christopher Quince, Lars Juhl Jensen Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:20 AM - 11:29 AM

11:29 AM

- 461. **SEMANTIC TOOLS FOR AGGREGATION OF MORPHOLOGICAL CHARACTERS ACROSS STUDIES.** James Balhoff, Alex Dececchi, Paula Mabee, Hilmar Lapp Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:29 AM - 11:36 AM

11:30 AM

- 324. **PERSPECTIVES FOR BETTER CONSERVATION OF DIVERSITY INFORMATION IN MICROALGAE COMMUNITIES IN BURKINA FASO.** Bilassé ZONGO Building: Grand Hotel Mediterraneo Room: America del Nord (Theatre I) Time: 11:30 AM - 11:45 AM

11:36 AM

- 454. **PRACTICAL INTEROPERABILITY ACROSS SEMANTIC STORES OF DATA FOR ECOLOGICAL, TAXONOMIC, PHYLOGENETIC, AND METAGENOMICS RESEARCH.** Cynthia Parr Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:36 AM - 11:43 AM

11:43 AM

- 462. **COLLABORATIVELY CREATING COMPUTABLE SPECIES DESCRIPTIONS.** Nathan Wilson Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:43 AM - 11:52 AM

11:52 AM

- 464. **PROTOTYPING A BOTANICAL KNOWLEDGE PORTAL.** James Macklin, Joel Sachs, Hong Cui, Heather Cole Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 11:52 AM - 12:01 PM

12:01 PM

- 467. **THE CROP ONTOLOGY: TOWARDS THE SEMANTIC INTEGRATION OF OPEN PLANT TRAIT DATA.** Elizabeth Arnaud, Luca Matteis, Pierre-Yves Chibon, Milko Skofic, Pankaj Jaiswal, Laurel Cooper, Rosemary Shrestha, Mark Wilkinson, Richard Bruskiwich, Graham McLaren Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:01 PM - 12:10 PM

12:10 PM

- **463. HIERARCHICAL SEARCH IN SEMANTECO SUPPORTING VARIED ONTOLOGY DESIGN PATTERNS.** Patrice Seyed, Evan Patton, Deborah McGuinness Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:10 PM - 12:19 PM

12:19 PM

- **459. USER-BASED SUB-ONTOLOGY EXTRACTION – A MEANS TO SUPPORT SEMANTIC ANNOTATION OF BIODIVERSITY DATA.** Dennis Heimann, Birgitta König-Ries Building: Grand Hotel Mediterraneo Room: Sala dei Continenti Time: 12:19 PM - 12:28 PM

12:30 PM

- **Remove all posters:** Please remove all posters from the Salone degli Oceani before lunch on Friday. Time: 12:30 PM - 01:00 PM
- **Lunch - Day 5** Time: 12:30 PM - 02:00 PM

02:00 PM

- **Preview of TDWG 2014 & Closing Session:** Sala dei Continenti Time: 02:00 PM - 03:30 PM

03:30 PM

- **PM Break - Day 5:** PM Break - Day 5, Main Building 1st floor, Salone degli Oceani Time: 03:30 PM - 04:00 PM

04:00 PM

- **Birds-of-a-feather: Semantics in Biodiversity:** In the Salone degli Oceani, after the Friday afternoon break, join us as we summarize the Semantics in Biodiversity mega-symposium and discuss the next steps. Time: 04:00 PM - 05:00 PM
- **2013 & 2014 TDWG Executive Meeting:** Sala dei Continenti Time: 04:00 PM - 05:00 PM

06:00 PM

- **Adjourn - Day 5** Time: 06:00 PM - 06:00 PM

Posters

Salone degli Oceani

339. Bibliography of Life: Comprehensive services for biodiversity bibliographic references

David King, Guido Sautter, David Morse, Lyubomir Penev, Jordan Biserkov, Teodor Georgiev, Dave Roberts, Vince Smith

341. PlutoF – multifunctional workbench for taxonomical and ecological research, biodiversity data collection and analysis

Kessy Abarenkov, Urmas Kõljalg, Marko Peterson, Siim Halapuu, Janno Jõgeva, Karl Ranna, Henrik Nilsson

344. From Dendroeca blackburniæ to Dendroeca blackburniae: what's in a name?

David King

349. eBiodiversity – web portal for Estonian biodiversity data

Marko Peterson, Urmas Kõljalg, Kessy Abarenkov, Veljo Runnel, Siim Halapuu, Janno Jõgeva, Karl Ranna

365. Practical Use and Database Quality Control of the Korea National Biospecies Information System

Sangyong KIM, Jae-Hyeun KIM, You-Mi LEE, Joon-Hwan SHIN

368. Fauna Europaea; all European animal species on the web

Yde de Jong, Florian Wetzel, Falko Gloeckler, Alexander Kroupa, Andreas Kohlbecker, Andreas Müller, Anton Guentsch, Gregor Hagendorn, Christoph Haueser

372. Xper3: Introducing Social Taxonomy

Thomas Burguiere, Florian Causse, Antoine Bergamaschi, Nils Paulhe, Anais Grand, Frederic Lison, Visotheary Ung, Regine Vignes-Lebbe

377. iDigBio as a Resource for the Digitization of a Billion Biodiversity Research Specimens

Deborah Paul, Austin R Mast, Greg Riccardi, Gil Nelson

381. Building a mass-digitisation service infrastructure and user communities

Hannu Saarenmaa, Tero Mononen, Janne Karppinen, Mira Sääskilahti, Riitta Tegelberg

384. BioFresh: building a collaborative global freshwater biodiversity data hub

Aaike De Wever, Astrid Schmidt-Kloiber, Nicolas Bailly, Vanessa Bremerich, Paul Jepson, Jörg Freyhof, Koen Martens, Klement Tockner

385. FADA: Freshwater Animal Diversity Assessment

Aaike De Wever, Hendrik Segers, Koen Martens

390. Enhancing Data Quality using AnnoSys – An Annotation System for Biodiversity Data

Lutz Suhrbier, Okka Tschöpe

391. The Catalogue of Life Virtual Community
Peter Schalk, Wouter Addink, Yuri Roskov
394. Afromoths: An online database of Afrotropical moth species
Nicolas Noé, André Heughebaert, Jurate De Prins
395. A High Volume Media Library using TDWG Audubon Core
Wouter Addink, Ayco Holleman, Adrie Berg, Joost van Leusen, Atze de Vries, David Heijkamp
398. Agora 3D: Evaluating the Digitisation of Scientific Collections
Jonathan Brecko, Mathys Aurore, Patricia Mergen, Emmanuel Gilissen, Franck Theeten, Chris Vastenhoud, Erik Buelincks
403. #biobr – Citizen Science from social network
Etienne Americo Cartolano, Antonio Mauro Saraiva, Allan Koch Veiga
414. Biodiversity Network of the Humboldt-Ring (BiNHum): Access to high-quality object data, extension of established database systems and set-up of a joint data portal
Joerg Lange, Joachim Holstein, Anita Roth-Nebelsick, Christopher Traiser, Florian Raub, Hubert Höfer, Klaus Riede, Peter Grobe, Maik Röder, Christian Köhler, Anton Güntsch, Gabriele Dröge, Patricia Kelbert, Dagmar Triebel, Anton Link, Markus Weiss, Dieter Neubacher, Tanja Weibulat
416. Linking taxon names with DNA-based species
Urmas Kõljalg
420. ComTax: Community-driven Curation for Taxonomic Databases
David Morse, Hui Yang, Alistair Willis, Anne de Roeck, David King
437. PaleoCore: An ontology and data standard for paleoanthropology
Denne Reed
451. Biodiversity Vocabulary Management at BCO-DMO
Nancy J. Copley, M. Dickson Allison, Robert C. Groman, Cynthia L. Chandler, Peter H. Wiebe, David M. Glover
452. M-EOL: biodiversity awareness for gamers
Julie Chabaliier, Céline Vidal, Amandine Sahl, Olivier Rovellotti
468. Lets talk: accessing scientific content through their vernacular names representations
Heimo Rainer, Wolfgang Koller
478. Lets talk: technical infrastructure and workflows for the OpenUp! Common Names Service
Wolfgang Koller, Heimo Rainer
494. agINFRA - where agriculture, biodiversity and information technology meet
David Morse, Jane Bromley, David King
499. Miss the forest for the trees: technical infrastructure for handling multiple classifications
Wolfgang Koller, Heimo Rainer

516. Plinian Core: integrating information about species

Santiago Martínez de la Riva, Carmen Quesada, Francisco Pando de la Hoz, Bárbara Ayala-Orozco, Ángela M. Suárez-Mayorga, María Mora, Danny Vélez, Jose Trinidad Mendoza Gaytan, Daniel Lins da Silva, Patricia Koleff, Maria Esther Quintero Rivero, Aurelio Sanabria

518. The DINA-Specify Consortium

Fredrik Ronquist, Markus Englund, Karin Karlsson, Kevin Holston, Ida Li

519. A strategy for integration of big (phenotype) data

Suzanna Lewis, Paula Mabee, Andy Deans, Eva Huala, Chris Mungall

542. Anymals + plants – Biodiversity in your pocket

Falko Glöckler, Alexander Krupa, Daniel Zitterbart, M. Uher, Tom Uher

Acknowledgements

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