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# Sunday, April 8, 2018

**Agenda**

**CEOS WGISS-45**

**April 9-12, 2018 - São José dos Campos, SP, Brazil**

**Hosted by the** [Instituto Nacional de Pesquisas Espaciais](http://www.inpe.br/) **(INPE)**

**Version 1.0 April 8, 2018**

**\*Indicates remote presentation**

## 18:00 WGISS-Exec Meeting Ema Palace Hotel Lobby

# Monday, April 9, 2018

## 08:15 Meet in Hotel Lobby for Transportation to Meeting

## 08:30 Registration

## 09:00 Convene

#### WGISS PLENARY Mirko Albani

09:00 Host Welcome and Logistics Information *Lubia Vinhas*

09:10 Welcome and Introductions, Adoption of Agenda *Mirko Albani*

09:20 WISP Report *Michelle Piepgrass*

09:30 WGISS Chair Report *Mirko Albani*

09:50 WGISS 2018-2020 Work Plan *Mirko Albani*

## 10:30 Break

10:50 WGISS Brochure *Yonsook Enloe*

**Data PRESERVATION and STEWARDSHIP**

10:10 Data Stewardship Interest Group Session *Mirko Albani*

11:40 DSIG Standards status and Way Forward *Iolanda Maggio*

12:00 Data Management and Stewardship Maturity Matrix Lessons Learned

ESA *Iolanda Maggio*

IGSNRR/CAS *Liu Chuang*

## 12:30 Lunch

**Data DISCOVERY and ACCESS**

13:30 Introduction *Yonsook Enloe*

WGISS Connected Data Assets *Yonsook Enloe*

IDN and ECV Status *Michael Morahan*

FedEO Status *Andrea Della Vecchia*

CWIC Status *Yonsook Enloe*

China (NRSCC) and China GEO Status *Eugene Yu\**

## 15:00 Break

15:20 Carbon Portal and Strategy, *Kenneth McDonald\*,*

Demonstration *Liping Di\**

15:40 OGC Documents Spec Status - OGC 17-003 and OGC 13-026r9 *Andrea Della Vecchia*

16:00 CEOS OpenSearch Project Report *Andrea Della Vecchia*

Conformance Test Document and OGC document review

16:20 Data Asset Enhancement — Synergies with FDA *Rob Woodcock*

16:40 Minutes and Action Items review *Michelle Piepgrass*

## 17:00 Adjourn

# Tuesday, April 10, 2018

## 08:15 Meet in Hotel Lobby for Transportation to Meeting

## 09:00 Convene

**Joint Session with WGCV**

09:00 Welcome and Introductions, adoption of Joint Plenary agenda *Mirko Albani,*

*Kurtis Thome*

09:10 Host Welcome Opening Address *Dr. Ricardo Galvao,*

*INPE Director*

09:40 CEOS Executive Officer Report *Steven Hosford*

10:10 CEOS 2018-2020 Work Plan *Steven Hosford*

## 10:30 Break

**Joint Session with WGCV, continued**

10:50 GEO Secretariat Report *Paola de Salvo\**

11:10 CEOS Systems Engineering Office Report *Brian Killough\**

11:30 WGISS Overview *Mirko Albani*

11:45 WGCV Overview *Kurtis Thome*

12:00 Overview of WGISS/WGCV Joint Effort; Past Achievements & Discussion *Mirko Albani,*

*Kurtis Thome*

## 12:30 Lunch

**Joint Session with WGCV, continued**

13:30 Data Formats and Interoperability in the framework of FDA *Robert Woodcock,*

*Medhavy Thankappan*

14:00 Quality Indicators in Discovery Metadata *Michael Morahan,*

*Nigel Fox*

14:30 CEOS Data Cubes and CEOS Test Sites Data Access in support *Robert Woodcock,*

of WGCV Activities *Greg Stensaas*

## 15:00 Group Photo

## 15:10 Break

15:30 Standardization and Best Practices (e.g. ISO 19159-3) *Richard Moreno,*

*Cindy Ong*

16:00 Summary on Joint Interaction and Additional Opportunities; *Mirko Albani,*

Joint Recommendations to CEOS and GEO *Kurtis Thome*

16:30 Minutes and Action Items review *Michelle Piepgrass,*

*Jamie Nickeson*

## 17:00 Adjourn

## 19:00 No-host Dinner

# Wednesday, April 11, 2018

## 08:00 Meet in Hotel Lobby for Transportation to Meeting

## 08:45 Convene

**Workshop on Future Data Architectures (FDA) and Introduction of Copernicus**

**Data and Information Access System (DIAS)**

**FDA Platforms and Elements Landscape**

08:45 Introduction *Mirko Albani*

08:50 FDA Context *Steven Hosford*

09:10 Exploitation Platforms and Common Reference Architecture *Cristiano Lopes\**

09:30 ESA Data Cubes *Rosemarie Leone\*,*

*Andrea Della Vecchia*

09:50 Sentinel-2 ARD: Making the Process Operational *Federica Moscato\**

10:10 Open Data Cube in Uganda *Simon Reid\**

## 10:30 Break

**FDA Platforms and Elements Landscape, continued**

10:50 Horizontal Scalability for the Colombian Data Cube *Pilar Lozano-Rivera,*

*Harold Castro\**

11:10 Copernicus DIAS *Martin Ditter*

11:30 GeoHazards Exploitation Platform (GEP) and BIOMASS *Jolanda Patruno\*,*

Missions Application Platform (MAP) *Andrea Della Vecchia*

11:50 Pipelines, Ingestion, on-Demand – EO Data Supply Chains in FDA *Rob Woodcock*

12:10 USGS Experiences With Cloud *Kristi Kline\**

## 12:30 Lunch

**FDA Platforms and Elements Landscape, continued**

13:30 CODE-DE Platform *Albrecht von Bargen*

13:50 NASA Cloud presentations

13:50 How Cloud Computing Can Help Scientists *Chris Lynnes*

14:10 Cumulus: Cloud-based Archive for NASA’s Earth Science Data *Katie Baynes\**

14:30 Best Practices for Cloud-Native Architectures *Dan Pilone\**

14:50 NASA’s Earthdata Cloud Analytics Framework *Chris Lynnes*

## 15:10 Break

15:30 Vietnam Data Cube *Matt Paget*

15:50 CNES FDA status *Richard Moreno*

16:10 INPE’s MODIS Data Cube: Architecture, Algorithms, and Results *Lubia Vinhas*

16:30 Minutes and Action Items review *Michelle Piepgrass*

## 17:00 Adjourn

# Thursday, April 12, 2018

## 08:15 Meet in Hotel Lobby for Transportation to Meeting

## 09:00 Convene

**Data INTEROPERABILITY and USE**

09:00 Recovery Observatory *Richard Moreno*

09:20 Open Source Software discussion *Iolanda Maggio*

09:40 OGC Testbed 13 Outcomes and Information on the OGC Testbed 14 *Cristiano Lopes\**

10:00 User Metrics Introduction *Iolanda Maggio*

10:10 ESA User Metrics *Mirko Albani*

## 10:30 Break

10:50 DLR User Metrics *Katrin Molch\**

11:05 NASA User Metrics *Chris Lynnes*

11:20 ESA Single Sign On (SSO) and Federated Identity Management *Marco Leonardi\**

11:35 USGS User Management *Kristi Kline\**

11:50 NextGEOSS User Management *Nuno Catarino,*

**Agency/Liaison Reports**

12:10 CSIRO *Robert Woodcock*

12:20 CNES *Richard Moreno*

## 12:30 Lunch

13:30 CONAE *Homero Lozza*

13:40 INPE *Lubia Vinhas*

13:50 ESA *Mirko Albani*

14:00 Geoscience Australia *Medhavy Thankappan*

14:10JAXA *Makoto Natsuisaka*

14:20 NASA *Andrew Mitchell\**

14:30 NRSCC *Chuang Liu*

14:40 UKSA *Esther Conway*

14:50 Future Meetings *Robert Woodcock*

## 15:00 Break

15:20 WGISS Summary *Mirko Albani*

16:00 WGISS-45 Action Items *Michelle Piepgrass*

16:45 Concluding Remarks *Mirko Albani*

## 17:00 Adjourn