

IHDEA 2023 annual meeting agenda 12-13 October, JHU/APL, USA

Thursday 12 October morning session

Space agencies/Institutions reports

08:30-08:50	CNES	D. Boucon for CDPP B. Cecconi for INSU
08:50-09:10	ESA	A. Masson
09:10-09:30	ISRO	M. Hassan
09:30-09:50	JAXA/Nagoya University CHS	Y. Miyoshi
09:50-10:10	JAXA DARTS	U. Herbert Akihito
Coffee break		
10:30-10:50	IUGONET	Y. Tanaka
10:50-11:10	NASA HDRL	B. Thomas
11:10-11:30	NASA SPDF	B. Candey
11:30-11:50	NASA SDAC	J. Ireland
11:50-12:10	NASA CCMC	M. Kuznetsova
12:15-12:25	Coordinate systems standardization working group	B. Weigel

Lunch break

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Distributed Science platforms and research data cloud

13:30-13:50	NASA HelioCloud	B. Thomas
13:50-14:10	ESA DataLabs	J. Reerink

IHDEA working groups report

14:10-14:30	Report about the 1st IHDEA cloud coordination meeting	B. Cecconi B. Thomas
14:30-14:45	SPASE information model working group	S. Fung
14:45-15:00	SPASE metadata registries working group	B. Thomas
15:00-	TAP and HAPI	J. Cook

15:15		
15:15-15:45	Coffee break	

Accessibility and interoperability

15:45-16:05	HAPI latest implementation	J. VandeGriff
16:05-16:20	VSO and TAP	E. Mansky
16:20-16:35	EPN-TAP update	B. Cecconi
16:35-16:45	DOI implementation at NASA (SPASE and CCMC)	S. Fung
16:45-17:00	DOI implementation at Nagoya University/JAXA	T. Hori
17:00-17:15	DOI implementation at ESA	A. Masson

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Metadata

ISTP CDF guidelines evolution

08:30-08:45	ISTP CDF guidelines overview	B. Candey
08:45-09:00	ISTP CDF guidelines in SPASE	L. Bargatze
09:00-09:20	Implementation of ISTP CDF guidelines in the Solar Orbiter metadata dictionary and its compatibility with FITS WCS: possible evolution of some the guidelines	A. Masson on behalf of A. Walsh
09:20-09:30	Discussion	

Simulation and model metadata

09:30-09:50	What SPASE 2.6.0 offers to describe simulation model&runs	S. Fung
09:50-10:05	Feedback from IUGONET and other Japanese institutes in	Nose/Shinbori

	implementing SPASE 2.6.0 especially in the field of Thermosphere/Ionosphere	
10:05-10:20	Lessons learned from CCMC implementation of SPASE 2.6.0	C. Wiegand
10:20-10:30	Discussion	

Coffee break (20 mn)

10:50-11:10	Metadata for COSPAR/PRBEM	Dedong Wang/Yuri Shprits
11:10-11:30	Coupling numerical simulation codes and space environment databases thanks to SPASE	S. Hess

- **IHDEA and other international working groups (11:30-12:30)**
 - Future coordination with WMO and ISES in the framework of the UNCOPUOS recommendation: J. Andries (WMO)+ open discussion session (45 minutes), Moderator: S. Fung
 - Coordination with ISWAT (M. Kuznetsova), to identify missing information infrastructures, ISWAT recommendations.

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Ground-based and planetary science metadata

13:30-13:45	DKIST	A. Davey
13:45-14:00	MADRIGAL	B. Rideout
14:00-14:15	Discussion	

- **Open science (14:15-15:15)**
 - 14:15-14:30 What does Open Science Require of Standards and Infrastructure? (R. Ringuette)
 - 14:30-15:00 Report about PyHC activities (high-level) since last IHDEA meeting and Python packages compatibility efforts remaining, J. Barnum/S. Polson
 - 15:00-15:15 Discussion

Coffee break
(15:15-15:45)

- **Metadata for AI/ML datasets** (15:45-16:30)
 - How SPASE could be used to describe a ML ready dataset? What makes it specific? Slava Sadykov will present datasets used with ML algorithms. Open discussion of what make them specific and how should they be described in SPASE.
- **AOB** (16:30-17:30)