

IASPEI 2019 CoSOI Meeting
Saturday, 13 July 2019, 6 pm
Convention Center Montreal, 512a

1. Reports by the working groups (**5 min maximum**)
 - a) Reference Events for Improved Locations (Kostas Lentas)
 - b) Utilization of Global 3D Models for Seismic Observatory Applications (Stephen Myers)
 - c) Magnitude Measurements (Domenico Di Giacomo)
 - d) Triggered and Induced Seismicity (Stanislaw Lasocki)
 - e) Historical Seismology (Paola Albini, Kenji Satake)
 - f) International Seismic Format (James Harris)
 - g) Seismic Scattering and Heterogeneity (Hisashi Nakahara & Ulrich Wegler)
 - h) New Manual of Seismological Observatory Practice (Torsten Dahm)
 - i) Benchmarking and verification platform of routine moment tensor solutions (Torsten Dahm)
2. Plan for the next IUGG General Assembly (Hyderabad, India, 2021)
3. AoB

3. Plan for the IASPEI 2019 in Hyderabad

Status:

- \approx 19 oral blocks (S01a-c, S02a, S03a-d, S04a-c, S05a, S06a, S07a-b, S09a, S10a, S19a-b)
- continue new sessions / symposia
 - seismology in the oceans
 - advanced processing / machine learning
 - planetary seismology ?
 - large open session or more specific topics ?

What can be improved?

1. participation / involvement of young scientists
2. new topics / symposia
 - seismology in the oceans (S05)
 - advances in observation and processing (& machine learning) (S06)
 - planetary seismology (S19)?
3. organization: larger “open session” or more specific topics ?

Symposia suggestions:

- Open session: (T. Dahm, N.N) (S01a-c)
- ? • Standardization and automatization (Di Giacomo, N.N) S02a
- Advancement in observation, processing, ... (N.N.) (S06a)
- Anthropogenic seismicity (S. Lasocki, H. Gupta, N.N) (S03a-d)
- Seismic scattering and heterogeneity (H. Nakahara, N.N) (S04a-c)
- Historical seismology (P. Albini, K. Satake,) (S07a-b)
- ? • CTBT/Arrays (N.N.) (S09a)
- Array seismology (N.N.) (S10a)
- ? • Seismology in the ocean (V. Schlindwein, N.N.) (S05a)
- Planetary seismology (N.N.) (S19a-b)
- Development of seismic networks and data distribution (D. Storchak, N.N.)
- Use and analysis of analog data including analog magnetograms (N.N.)

Circles indicate to be likely joined

4. AoB

- reports from international data-center included in or agenda 2012
- mentioning our WGs on webpage of Comm. Source Mechanics:
 - (1) “Moment tensor testing platform ...”,
 - (2) “Magnitude ...”, and
 - (3) “Induced seismicity”
- coordinate better with regional associations (ESC, ...)
(committee representative? CoSOI poster at regional conferences?)
- web page update / information / how to keep up to date?
 - (1) lesser info but more generic (all WGs same layout)
 - (2) folder ‘documents/reports’, no “former WGs”, but “achievements”
 - (3) major achievements / final report: IS format of NMSOP-2, doi ?
- reports in IASPEI news letter ?
- discussion of needs for new WG’s and scientific challenges
 - (1) Event type list attributing / managing in QuakeML (Storchak)
 - (2) Linking thermal/rheological models with regional velocity models