Commission GASS 2023 Report
Commission F

1. Elections of Commission Officers

Chair: Motoyuki Sato (Japan)
Vice-Chair: Slawomir J. Ambroziak (Poland)
Senior ECR: Fikadu Dagefu (USA)
ECR2: Gargi Rakshit (India)

2. Review of Terms of Reference

We had some discussion on the Terms of Reference, such as: "perhaps, we should, reconsider reintroducing the expression 'electromagnetic interaction', but we had no conclusion in this moment. We will continue discussing.

3. Any changes/confirmation in Working Groups and other organizations

A new working group was proposed:

F.3 Environmental Sensing for Disaster Management based on Communication and Remote Sensing Systems (NEW)
Chair: Ambroziak Slawomir, Thomas Kürner, Sana Salous, Yasuhide Hobara, Motoyuki Sato, Madhu Chandra, Tullio Tanzi, Tobias Rommel

4. Technical Advisory Committee

5. Preparation of Future Meetings/Identification of meetings to be supported (cfr. Commission budget)

6. Proposed sessions and conveners for AT-RASC 2024

Tentative proposal:

1. Remote Sensing Image Processing with Deep Learning (Si-Wei Chen, Le-Yuan Fang)
2. Remote sensing of precipitation (Venkata Chandrasekar, Tomoo Ushio)
4. Subsurface sensing/ GPR (Motoyuki Sato, Lorenzo Capineri)
5. COST CA20120 INTERACT: Measurement & Modelling of Radio Waves Propagation for Indoor Communications (Slawomir J. Ambroziak, Kamran Sayrafian)
7. Geophysical parameter retrieval
8. Ground-base measurement
10. Open session (Motoyuki Sato)
11. Deep learning in Artificial Electromagnetic Materials (Willie Padilla, Dimitris Tzarouchis, Pedro Cruz)