ESSI – Earth & Space Science Informatics (#EGU18ESSI) – Orals

Monday, 09 April	
MO1, 08:30–10:00	**IE4.5/AS5.14/BG1.22/CL5.26/EMRP4.35/ESSI2.12/GD10.7/GI1.7**, Information extraction from satellite observations using data-driven methods (co-organized), **08:30–10:00**, **Room N2**
MO2, 10:30–12:00	**ESSI2.6**, Web-based Exchange and Processing of Environmental Data, **10:30–12:00**, **Room M1**
	IE4.1/NP4.3/AS5.13/CL5.18/ESSI2.3/GD10.6/HS3.7/NH11.14/SM7.03, Big data and machine learning in geosciences (co-organized), **10:30–17:00**, **Room N2**
	GDB2, Hands on or hands off?, **10:30–12:00**, **Room E1**
MOL, 12:15–13:15	**PCN2**, EGU Plenary, **12:15–13:15**, **Room E1**
MO3, 13:30–15:00	**ESSI2.1**, Metadata, Data Models, Semantics, and Collaboration, **13:30–15:00**, **Room M1**
	IE4.1/NP4.3/AS5.13/CL5.18/ESSI2.3/GD10.6/HS3.7/NH11.14/SM7.03, Big data and machine learning in geosciences (co-organized), **10:30–17:00**, **Room N2**
	NH9.12/AS5.17/CL5.30/ESSI1.9/GI0.4/GMPV6.12/HS11.44/SM3.15/SSS13.66, Methods and Tools for Natural Risk Management and Communications – Innovative ways of delivering information to end users and sharing data among the scientific community (co-organized), **13:30–15:00**, **Room L8**
	US2, The future of Earth and Planetary Observations from Space, **13:30–17:00**, **Room E1**
MO4, 15:30–17:00	**ESSI2.7**, Future Shock: Evolving Earth Science Data and Information Systems across the entire research lifecycle, **15:30–17:00**, **Room M1**
	IE4.1/NP4.3/AS5.13/CL5.18/ESSI2.3/GD10.6/HS3.7/NH11.14/SM7.03, Big data and machine learning in geosciences (co-organized), **10:30–17:00**, **Room N2**
	US2, The future of Earth and Planetary Observations from Space, **13:30–17:00**, **Room E1**
Tuesday, 10 April	
TU1, 08:30–10:00	**ESSI1.1**, Informatics in Oceanography and Ocean Science, **08:30–12:00**, **Room 0.49**
TU1b, 09:00–10:00	**US1**, Past achievements and future challenges for the Geosciences (co-sponsored by AGU), **09:00–12:00**, **Room E1**
TU2, 10:30–12:00	**ESSI1.1**, Informatics in Oceanography and Ocean Science, **08:30–12:00**, **Room 0.49**
	US1, Past achievements and future challenges for the Geosciences (co-sponsored by AGU), **09:00–12:00**, **Room E1**
TU3, 13:30–15:00	**ESSI4.3**, Advancing Data-driven Workflows, Analytics and Visualization in Earth System Science, **13:30–15:00**, **Room 0.49**
	GDB4, Low-risk geo-engineering: are techniques available now?, **13:30–15:00**, **Room E1**
TU4, 15:30–17:00	**ESSI2.8/GI1.6**, Environmental physical and data infrastructures: practices, access and technologies - towards system level understanding (co-organized), **15:30–17:00**, **Room L4/5**

TU6, 18:30–20:00	**ML16/ESSI**, Ian McHarg Medal Lecture by Kerstin A. Lehnert (co-organized), **18:30–20:00**, **Room L2**
TU6a, 19:00–20:30	**GDB3**, The Early Career Scientists' Great Debate: Should early career scientists use time developing transferrable skills?, **19:00–20:30**, **Room E1**
Wednesday, 11 April
WE1, 08:30–10:00	**GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5**, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), **08:30–12:00**, **Room 0.49**
	US4, Fifty years of International Ocean Drilling, **08:30–12:00**, **Room E1**
WE2, 10:30–12:00	**GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5**, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), **08:30–12:00**, **Room 0.49**
	US4, Fifty years of International Ocean Drilling, **08:30–12:00**, **Room E1**
WEL, 12:15–13:15	**DM7/ESSI**, Division meeting for Earth & Space Science Informatics (ESSI) (co-organized), **12:15–13:15**, **Room M1**
WE5, 17:30–19:00	**PCN3**, EGU Award ceremony, **17:30–20:00**, **Room E1**
WE6, 19:00–20:00	**PCN3**, EGU Award ceremony, **17:30–20:00**, **Room E1**
Thursday, 12 April
TH1, 08:30–10:00	**ESSI2.9**, Integrating data and services in solid Earth sciences, **08:30–12:00**, **Room M2**
	US3, Cassini and future perspectives for the exploration of the outer solar system, **08:30–12:00**, **Room E1**
TH2, 10:30–12:00	**ESSI2.9**, Integrating data and services in solid Earth sciences, **08:30–12:00**, **Room M2**
	SC2.6/ESSI4.2, Visualization in Earth Science: best practices (co-organized), **10:30–12:00**, **Room -2.91**
	US3, Cassini and future perspectives for the exploration of the outer solar system, **08:30–12:00**, **Room E1**
TH3, 13:30–15:00	**ESSI3.2**, Innovative Evaluation and Prediction for Large Earth Science Datasets, **13:30–15:00**, **Room M2**
	GDB5, Natural versus anthropogenic threats for life on Earth, **13:30–15:00**, **Room E1**
TH4, 15:30–17:00	**ESSI2.4**, Virtual Research Environments: creating online collaborative environments to support research in the Earth Sciences and beyond (co-organised with American Geophysical Union), **15:30–17:00**, **Room M2**
Friday, 13 April
FR1, 08:30–10:00	**US5**, Scientific research in a changing European Union: where we stand and what we aim for?, **08:30–10:00**, **Room E1**
FR2, 10:30–12:00	**GI1.1/EMRP4.3/ESSI2.10/SSS13.15**, Applications of Data, Methods and Models in Geosciences (co-organized), **10:30–12:00**, **Room L3**

ESSI – Earth & Space Science Informatics (#EGU18ESSI) – PICO

Monday, 09 April	
MO1, 08:30–10:00	**ESSI4.1/SSS11.6**, State of the Art in Earth Science Data Visualization (co-organized), **PICO spot 1**
Tuesday, 10 April	
TU2, 10:30–12:00	**ESSI3.1**, Free and Open Source Software (FOSS) for Geoinformatics and Geosciences, **PICO spot 1**
	IE3.1/GI0.3/BG1.35/CR2.8/ESSI4.4/GM2.12/NH6.5, Close and Long Range Sensing of Environment (co-sponsored by ISPRS) (co-organized), **PICO spot 4**
Wednesday, 11 April	
WE2, 10:30–12:00	**ESSI3,4**, Earth science on Cloud, HPC and Grid, **PICO spot 3**
WE3, 13:30–15:00	**IE4.7/SSS13.74/BG1.43/ESSI1.10/NH9.21/SM1.10**, Citizen Science for Earth Systems in the Era of Big Data (co-organized), **PICO spot 4**
Thursday, 12 April	
TH3, 13:30–15:00	**IE4.3/SSS13.73/AS5.19/BG1.20/ESSI1.8/HS11.4/NH11.13**, Geostatistical and statistical tools to perform the data fusion of large datasets in geo-engineering and environmental studies (co-organized), **PICO spot 4**
Friday, 13 April	
FR1, 08:30–10:00	**ESSI3.5**, Open Data, Reproducible Research, and Open Science, **PICO spot 1**

ESSI – Earth & Space Science Informatics (#EGU18ESSI) – Posters

Monday, 09 April	
MO5, 17:30–19:00	**IE4.1/NP4.3/AS5.13/CL5.18/ESSI2.3/GD10.6/HS3.7/NH11.14/SM7.03**, Big data and machine learning in geosciences (co-organized), **Hall X3**, **X3.44–X3.75**
	IE4.5/AS5.14/BG1.22/CL5.26/EMRP4.35/ESSI2.12/GD10.7/GI1.7, Information extraction from satellite observations using data-driven methods (co-organized), **Hall X5**, **X5.226–X5.237**
	NH9.12/AS5.17/CL5.30/ESSI1.9/GI0.4/GMPV6.12/HS11.44/SM3.15/SSS13.66, Methods and Tools for Natural Risk Management and Communications – Innovative ways of delivering information to end users and sharing data among the scientific community (co-organized), **Hall X1**, **X1.216–X1.233**
Wednesday, 11 April	
WE4, 15:30–17:00	**ESSI1.1**, Informatics in Oceanography and Ocean Science, **Hall X3**, **X3.1–X3.13**
	ESSI2.1, Metadata, Data Models, Semantics, and Collaboration, **Hall X3**, **X3.14–X3.24**
	ESSI2.4, Virtual Research Environments: creating online collaborative environments to support research in the Earth Sciences and beyond (co-organised with American Geophysical Union), **Hall X3**, **X3.25–X3.33**
	ESSI2.6, Web-based Exchange and Processing of Environmental Data, **Hall X3**, **X3.34–X3.39**
	ESSI2.7, Future Shock: Evolving Earth Science Data and Information Systems across the entire research lifecycle, **Hall X3**, **X3.40–X3.48**
	ESSI2.8/GI1.6, Environmental physical and data infrastructures: practices, access and technologies - towards system level understanding (co-organized), **Hall X3**, **X3.49–X3.58**
	ESSI2.9, Integrating data and services in solid Earth sciences, **Hall X3**, **X3.59–X3.81**
WE5, 17:30–19:00	**GI1.5/EMRP4.6/ESSI2.11/NH11.10/PS5.5**, Data fusion, integration, correlation and advances of non-destructive testing methods and numerical developments for engineering and geosciences applications (co-organized), **Hall X4**, **X4.262–X4.281**
Thursday, 12 April	
TH5, 17:30–19:00	**GI1.3/AS5.15/BG1.30/CL5.10/EMRP4.5/ESSI1.6/HS11.12/SM5.03**, Environmental sensor network (co-organized), **Hall X1**, **X1.59–X1.66**
Friday, 13 April	
FR2, 10:30–12:00	**ESSI2.2**, Data cubes of Big Earth Data - a new paradigm for accessing and processing Earth Science Data, **Hall X1**, **X1.20–X1.28**
	ESSI3.2, Innovative Evaluation and Prediction for Large Earth Science Datasets, **Hall X1**, **X1.29–X1.35**
	ESSI4.3, Advancing Data-driven Workflows, Analytics and Visualization in Earth System Science, **Hall X1**, **X1.36–X1.48**
FR5, 17:30–19:00	**GI1.1/EMRP4.3/ESSI2.10/SSS13.15**, Applications of Data, Methods and Models in Geosciences (co-organized), **Hall X4**, **X4.223–X4.241**