

DI21A: Probing Planetary Interiors Beyond Earth: Evolution Through Time and Space  
New Orleans Ernest N. Morial Convention Center – Poster Hall D-F  
*Tuesday 08:00 – 12:20, Posters*

Stefanie Donner, Rakshit Joshi, Celine Hadziioannou, Ceri Nunn, Martin van Driel, Cedric Schmelzbach, Joachim Wassermann, Heiner Igel; **Benefits of rotational ground motions for planetary seismology**; Abstract ID: DI21A-0384

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S21C: Seismological Contributions: General II  
New Orleans Ernest N. Morial Convention Center – Poster Hall D-F  
*Tuesday 08:00 – 12:20, Posters*

Bryant Chow, Stefanie Donner, Lion Krischer, Martin van Driel, Carl Tape and Heiner Igel; **Jupyter Notebooks for Earth Sciences: An Interactive Training Platform for Seismology**; Abstract ID: S21C-0772

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S23E: Ground Translation, Strain, Rotation: Using Wavefield Gradients for Seismic Applications I  
New Orleans Ernest N. Morial Convention Center – Poster Hall D-F  
*Tuesday 08:00 – 12:20, Posters*

Heiner Igel, Andre Gebauer, Andreino Simonelli, Jan Kodet, Felix Bernauer, Stefanie Donner, Joachim Wassermann, Toshiro Tanimoto and Karl Ulrich Schreiber; **A Multicomponent Large Ringlaser for Seismology: First Observations**; Abstract ID: S21A-0693

Chin-Jen Lin, Kasra Hosseini, Stefanie Donner, Frank Vernon, Joachim Wassermann and Heiner Igel; **Study of Rayleigh-Love coupling from Spatial Gradient Observation**; Abstract ID: S21A-0695

Joachim Wassermann, Heiner Igel, Felix Bernauer, Thomas Braun, Maurizio Ripepe and Esteban Franco Bedoya; **Estimating Shallow Vs-Profiles Using 6C Recordings of Ground Motion**; Abstract ID: S21A-0697

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S23E: Ground Translation, Strain, Rotation: Using Wavefield Gradients for Seismic Applications II  
New Orleans Ernest N. Morial Convention Center – 220-221  
*Tuesday 13:40 – 15:40, Orals*

Celine Hadziioannou, Nori Nakata, Heiner Igel; **Single-station 6C beamforming**, Abstract ID: S23E-03

Frederic Guattari, Elliot de Toldi, Alexandre Bigueur, Jean-Baptiste Decitre, Damien Ponceau, Olivier Sèbe, Arnaud Frenois, François Schindelé, Cédric Moluçon, Stéphane Gaffet, Eric Ducloux and Hervé Lefèvre; **Giant-FOG: A new player in ground motion instrumentation**, Abstract ID: S23E-06

Felix Bernauer, Joachim M Wassermann, Elliot de Toldi, Frederic Guattari, Damien Ponceau, Maurizio Ripepe and Heiner Igel; **BlueSeis3A - performance, laboratory tests and applications**; Abstract ID: S23E-07

Andreino Simonelli, Felix Bernauer, Bryant Chow, Thomas Braun, Joachim Wassermann and Heiner Igel; **Six components observations of local earthquakes during the 2016 Central Italy seismic sequence**; Abstract ID: S23E-08

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P41D: The Dynamic Moon: Insights from Apollo Through the Lunar Reconnaissance Orbiter I  
New Orleans Ernest N. Morial Convention Center – Poster Hall D-F  
*Thursday 08:00 – 12:20, Posters*

Ceri Nunn, Yosio Nakamura, and Heiner Igel; **Apollo Passive Seismic Experiments: lunar data in SEED format**; Abstract ID: P41D-2860

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S44B: Seismic Source Parameter Studies: Inversion and Uncertainty II  
New Orleans Ernest N. Morial Convention Center – 220-221  
*Thursday 16:00 – 18:00, Orals*

Stefanie Donner, Moritz Bernauer, Michael Reinwald, Celine Hadziioannou, Heiner Igel; **Improved source inversion from joint measurements of translational and rotational ground motions (Invited)**; Abstract ID: S44B-04