

SEDI 2016 schedule – Nantes

July 25th – Monday

Session 1 - Mantle Structure and Composition

09:00 – 09:50 Review Presentation, Bill McDonough (University of Maryland)

09:50 – 10:15 Research Talk, Sanne Cottaar (Pembroke College)

10:15 – 10:40 Research Talk, Fabrice Gaillard (Université Orléans)

10:40 – 11:40 Poster Viewing and Coffee Break

11:40 – 12:30 General Discussion, Denis Andrault (Université Clermont-Ferrand)

12:30 - 14:15 Lunch Break (free location)

Session 2 - Mantle History and Dynamics

14:15 – 15:05 Review Presentation, Yannick Ricard (Ecole Normale Supérieure, Lyon)

15:05 – 15:30 Research Talk, John Rudge (University of Cambridge)

15:30 – 15:55 Research Talk, Tobias Rolf (University of Oslo)

15:55 – 16:55 Poster Viewing and Refreshments

16:55 – 17:45 General Discussion, Anne Davaille (Université Paris Sud)

July 26th – Tuesday

Session 3 – Outer Core Observations, structure, composition

09:00 – 09:50 Review Presentation, Nils Olsen (Technical University of Denmark)

09:50 – 10:15 Research Talk, Ronald Cohen (Carnegie Inst. Science)

10:15 – 10:40 Research Talk, Guillaume Morard (Université P. M. Curie)

10:40 – 11:40 Poster Viewing and Coffee Break

11:40 – 12:30 General Discussion, Kathy Whaler (University of Edinburgh)

12:30 - 14:15 Lunch Break (free location)

Session 4 - Outer Core Dynamics and modelling

14:15 – 15:05 Review Presentation, Alexandre Fournier (Inst. Phys. Globe Paris)

15:05 – 15:30 Research Talk, Mike Calkins (University of Boulder, Colorado)

15:30 – 15:55 Research Talk, Futoshi Takahashi (Kyushu University)

15:55 – 16:55 Poster Viewing and Refreshments

16:55 – 17:45 General Discussion, Phil Livermore (University of Leeds)

Public Lecture

Philippe Cardin (Université de Grenoble) will give a public lecture, ‘Journey(s) deep inside a planet’, at 20:30 in the same auditorium. Everyone is encouraged to attend.

July 27th – Wednesday

Session 5 – Core-Mantle Boundary

09:00 – 09:50 Review Presentation, Christine Thomas (University of Münster)

09:50 – 10:15 Research Talk, Maureen D. Long (Yale University)

10:15 – 10:40 Research Talk, Chris Davies (University of Leeds)

10:40 – 11:25 Poster Viewing and Coffee Break

11:25 – 12:15 General Discussion, Peter Olson (John Hopkins University)

12:30 distribution of packed lunches

13:00 – 18:00 Two activities are proposed (limited to 90 pax for each, we will circulate more information soon)

Option 1 – Clisson tour

Coach transfer to, and guided walking tour in the historical center of Clisson, a medieval city 25-km southeast of Nantes. Followed by a wine tasting in a local vineyard.

Option 2 – Nantes tour

Guided walking tour of Nantes and of its most remarkable points of view.

18:00 – 23:00 Gala Dinner

You will cruise on the Erdre river (apéritif and amuse-bouches included), the ‘prettiest river of France’ according to King Francis I. We will boat up to the Chateau de la Poterie, a Louis-XVI style castle built at the end of the 18th century. Dinner will be served at 20:00 (vegetarian option is available). Buses will return to Nantes at 23:00

July 28th – Thursday

Session 6 – Other Planets Observations

09:00 – 09:50 Review Presentation, Véronique Dehant (Royal Observatory of Belgium)

09:50 – 10:15 Research Talk, Joachim Saur (University of Cologne)

10:15 – 10:40 Research Talk, Nicola Tosi (Technical University of Berlin)

10:40 – 11:40 Poster Viewing and Coffee Break

11:40 – 12:30 General Discussion, Richard Holme (University of Liverpool)

12:30 - 14:15 Lunch Break (free location)

Session 7 - Other Planets Modeling

14:15 – 15:05 Review Presentation, Gabriel Tobie (Université de Nantes)

15:05 – 15:30 Research Talk, Benjamin Favier (Université Aix Marseille)

15:30 – 15:55 Research Talk, Kumiko Hori (University of Leeds)

15:55 – 16:55 Poster Viewing and Refreshments

16:55 – 17:45 General Discussion, Krista Soderlung (University of Texas)

18:00 – 19:00 SEDI Business Meeting

July 29th – Friday

Session 8 – Inner Core

09:00 – 09:50 Review Presentation, Philippe Cardin (Université de Grenoble)

09:50 – 10:15 Research Talk, Shigehiko Tatenno (Okayama University)

10:15 – 10:40 Research Talk, Januka Attanayake (University of Münster)

10:40 – 11:40 Poster Viewing and Coffee Break

11:40 – 12:30 General Discussion, Hrvoje Tklačić (Australian National University)

12:30 End of Meeting