

# 2<sup>nd</sup> DEEP General Assembly

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## Hurtigruta from Bergen to Trondheim, 7-9 March

### Program

#### 7 March 2018

The PhD room 3<sup>rd</sup> floor at the Department of Earth Science, [Science Building](#), UiB

| <b>PhD day – organized by the PhD students for the PhD students (only PhDs)</b> |   |
|---|---|
| 10:00 – 12:00:  | <b>Workshop: How to use the tool ‘writing’ by researcher Mathew Stiller-Reeve</b> |
| 12:15 – 13:15:  | <i>Lunch at Christie Café, Muséplassen 3</i>                                      |
| 13:30 – 15:30:  | <b>Teambuilding session GO</b>  |

#### Hurtigruten MS Nordnorge (boarding in Bergen)

| <b>DEEP General Assembly for all participants at Hurtigruten</b> |   |
|--|---|
| 16:00 – 17:30  | Bergen: <a href="#">Check in on Hurtigruta</a>  |
| 18:00  | <b>Welcome drinks and introductions</b>   |
| 18:30  | <b>Fun panel debate on “How can small scale tell about an entire planet and vice versa?”</b><br>- Panelists: Maxim Ballmer, John Brodholt, Sanne Cottar and Vera Schlindwein<br>- Moderator: Clint Conrad |
| 20:00  | <i>Dinner on board Hurtigruta</i>   |
| 22:30  | Hurtigruta is leaving from Bergen   |

## 8 March 2018

### Hurtigruten MS Nordnorge

|               |  |
|---------------|--|
| 07:00 – 09:00 | <i>Breakfast</i>   |
| 09:00 – 09:45 | <b>Key note speaker Maxim Ballmer</b> on theme <i>Planetary Physics and Global Tectonics</i> :<br>“Geodynamic mechanisms for the preservation of large-scale primordial heterogeneity in the Earth’s mantle”   |
| 09:45 – 10:15 | PhD student presentations:<br><b>Sruthi Uppalapati, UiO</b> :<br>“How Venus’ young surface came to be: New insights from 2D and 3D modelling”<br><b>Kate A. Waghorn, UiT</b> :<br>«Influence of tectonic regime in sustaining gas hydrate systems in the Arctic: Example from Svyatogor Ridge” |
| 10:15 – 10:30 | <i>Coffee break</i>  |
| 10:30 – 11:15 | <b>Key note speaker John Brodholt</b> on theme <i>Planetary interior: materials, structure and dynamics</i> :<br>“The ab initio Earth”   |
| 11:15 – 11:45 | PhD student presentations:<br><b>Bjørn Heyn, UiO</b><br>"Stabilization of thermochemical piles by compositional viscosity contrasts"<br><b>Krister Karlsen, UiO</b><br>“Deep Water Recycling and Cyclic Sea Level Change on a Supercontinental Time Scale”                                     |
| 12:00 – 13:00 | <i>Lunch</i>   |
| 13:00 – 15:00 | <b>Guided tour in Ålesund</b>  |
| 15:15 – 15:30 | <i>Coffee break</i>  |
| 15:30 – 16:15 | <b>Key note speaker Sanne Cottaar</b> on the theme <i>Solid Earth: composition and evolution</i> :<br>“Piles and puddles in the deep mantle”   |
| 16:15 – 16:45 | PhD student presentations:<br><b>Hans Jørgen Kjøl, UiO</b> :<br>“Defining a magma-rich rifted margin fossil analogue in the Scandinavian Caledonides”<br><b>Geertje ter Maat, NTNU</b><br>“Micromagnetic Modeling: a tool for studying remanence in magnetite”                                 |
| 16:45 – 20:00 | <b>Poster session and snacks</b>   |
| 20:30 –       | <i>Dinner</i>  |

## 9 March 2018

### Hurtigruten MS Nordnorge

|               |   |
|---------------|---|
| 07:00 – 09:00 | <i>Breakfast</i><br><b>NB:</b> Everyone needs to <b>check out</b> of their rooms at 08:00 and <b>leave their luggage</b> in the <b>conference room</b> .  |
| 09:00 – 09:45 | <b>Key note speaker Vera Schlindwein</b> on theme <i>Solid Earth - Fluid Earth Interactions</i> :<br>"Solid earth – fluid earth interactions at mid-ocean ridges: a seismologist's perspective"   |
| 09:45 – 10:15 | PhD student presentations:<br><b>Sebastian Wolf, UiB:</b><br>"Factors controlling back-arc extension or overriding plate shortening – a numerical modeling study of ocean-continent subduction systems"<br><b>Joshua Bostic, UiO:</b><br>"Angry Trees: Reconstruction of volcanic-induced seasonal climate perturbations via high-resolution tree ring stable isotope analysis" |
| 10:15 – 10:45 | <b>Wrap up –future perspectives on research in Dynamics and Evolution of Earth and planets</b>  |
| 10:45 –       | Trondheim: <a href="#">Check out from Hurtigruta</a>  |