**CEED Seminar – Subduction in the Caledonian Orogeny**

# Wednesday, February 18, 2015

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| 13:00 – 13:15 | **Carmen Gaina**: Welcome |
| 13:15 - 14:00 | **Carmen Gaina**: The concept of microcontinents and their evolution |
| 14:00 – 14:45 | **Susanne Buiter & Joya Tetreault**: Geodynamic models of continental extension and subduction dynamics: insights into microcontinent formation and terrane subduction, accretion and collision |
| 14:45 – 15:00 | Coffee |
| 15:00 – 15:45 | **Torgeir B. Andersen**: Continental collision and subduction. The Caledonian example |
| 15:45 – 16:15 | Discussion |
|  | End of Day One |

# Thursday, February 19, 2015

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| 09:00 – 09:45 | **Jean-Pierre Brun**: Processes related to subduction |
| 09:45 – 10:3010: 30 – 10:45 | **Fernando Corfu**: Ages in the Caledonian Orogen and their relations to plate tectonic events coffee |
| 10:45 – 11:30 | **Roy H. Gabrielsen, Ivar Midtkandal & Jean-Pierre Brun**: Control of lithosphere rheology on subduction polarity at initiation: Insights from 3D analogue modeling. |
| 11:30 – 12:30 | **Håkon Austrheim**: A kinematic scenario of Iapetus closure: Metamorphic transitions and earthquakes in the lower crust. Are they related to subduction?  |
| 12:30 – 13:30 | Lunch |
| 13:30 – 14:15 | **Mat Domeier**: A kinematic scenario of Iapetus closure |
| 14:15 – 14:30 | coffee |
| 14 :30 – 15 :15 | **Dimitrios Sokoutis & Jean-Pierre Brun:** Practical constraints in analogue modeling of subduction zones |
| 15 :15 – 16 :00 | Discussion and concluding remarks |