

**Particles in Europe (PiE)**  
**7-9 October 2014**  
**Esbjerg, Denmark**

Google Map Link to all venues: <http://tinyurl.com/knsty5g>

<b>Monday 6th October 2014</b>	
18.00-20.00	Registration and Icebreaker at Café Frederik, Skolegade 46, 6700 Esbjerg
<b>Tuesday 7th October 2014</b>	
8-8:50	Registration @ Esbjerg Conference Hotel (ECH), Stormgade 200, 6700 Esbjerg
8:50-9:00	Welcome
	<b>New instruments and methods I</b>
9:00-9:35	KEYNOTE Daniel Hanes: The confounding effects of particle characteristics on acoustic backscatter measuring techniques
9:35-10:00	Guillaume Fromant et al: Acoustic inversion using two multifrequency profilers: the Aquascat 1000S and the TAPS
10:00-10:25	Yogi Agrawal et al: Sediment Acoustic Backscattering Cross-Sections in a River Column
10:25-10:50	Stefan Haun et al: Quantification of suspended sediment concentrations and particle size distribution in different water bodies by means of laser diffraction and acoustic backscatter
<b>10:50-11:10</b>	<b>Coffee Break</b>
	<b>Environmental Impacts</b>
11:10-11:35	Ulrik Lumborg et al: Monitoring of sediment dynamics during disposal of dredged harbour sediment in Port of Esbjerg, Denmark
11:35-12:00	Thomas Møskeland et al: Integrated Environmental Monitoring
12:00-12:25	Kevin Black: Using Particulate Tracers To Address Specific Sediment Management Issues: A New Tool in the Box
<b>12:25-13:25</b>	<b>Lunch</b>
13:25-13:50	Raymond Nepstad: Marine environmental risk and impact assessment with a Lagrangian particle tracking model
	<b>Suspended Sediment Dynamics I</b>
13:50-14:15	Thor Markussen et al: Arctic fine-grained particle flocculation, the case of Disko Fjord, West Greenland
14:15-14:40	Michael Fettweis et al: Variability in concentration, size and settling velocity of muddy marine flocs from the southern North Sea
14:40-15:05	Thorbjørn Andersen et al: Flocculation in the water column or aggregation at the bed – LISST 100 used in a combined field and laboratory set-up
<b>15.05-15:25</b>	<b>Coffee Break</b>
	<b>Suspended Sediment Dynamics II</b>
15:25-15:50	Piers Larcombe: Particle dynamics in the marine environment - examples of measurements from NW Australia
15:50-16:15	Gael Many et al: Particles characteristics in front of the Rhône River during flooding conditions
16:15	End of day. On your own for dinner / drinks Tuesday evening.

<b>Wednesday 8<sup>th</sup> October 2014</b>	
8.30	Depart ECH for River Varde and the Skallingen Peninsula in the Wadden Sea National Park. Guide: Dr. Thorbjørn Andersen, University of Copenhagen
13.30	Lunch at MacArtney
14.30	Tour at MacArtney
15.30	Return to ECH
17:15	Welcome drinks at the Fisheries and Maritime Museum, Tarpbagevej 2, 6710 Esbjerg V
17:30	Guided tour and conference dinner at the Fisheries and Maritime Museum
<b>Thursday 9<sup>th</sup> October 2014</b>	
	<b>Suspended Sediment Dynamics II</b>
09:00-09:35	KEYNOTE Colin Jago et al: SPM dynamics related to tidal straining in a Region of Freshwater Influence.
09:35-10:00	Suzy Jackson et al: Turbulence control of floc size in suspended particulate matter (SPM) in the river estuary transition zone (RETZ)
10:00-10:25	Eleanor Howlett et al: Particle size and its influence of fluxes through an estuary
10:25-10:50	Quentin Monnoyer et al: Assessment of suspended sediment properties from an optical settling column during a dam flushing event: the Arc and Isère rivers, June 2014
<b>10:50-11:10</b>	<b>Coffee Break</b>
	<b>New instruments and methods II</b>
11:10-11:35	Alex Nimmo Smith et al: MSS-HOLO: a free-fall particle microstructure profiler
11:35-12:00	Emlyn Davies et al: Combining technology to extend the limits of particle measurements in subsea blowouts
12:00-12:25	Christian Winter et al: PCam: Community camera system for the in-situ measurement of suspended matter size
<b>12:25-13:25</b>	<b>LUNCH</b>
13:25-13:50	David Felix et al: Site-specific Conversion of Laser Diffractometer (LISST) Data to Suspended Sediment Mass Concentration (SSC)
13:50-14:15	Boudewijn Decrop: Challenges in the acoustic measurements of dredging plumes
14:15-14:40	Yogi Agrawal: What turbidity does not see, LISST reveals - sediment in a river water column
	<b>Optics</b>
14:40-15:05	Karolina Borzycka: One-year study on variability of suspended particles characteristics and inherent optical properties in the southern Baltic.
15:05-15:30	Aris Karageorgis: Schlieren effects in beam transmissometers and LISST-Deep observed in the stratified Danube River delta, NW Black Sea
15:30	Conclusion, coffee and goodbye