

## DRWA10

Dolomites Research Week on Approximation 2010

Alba di Canazei (Trento, Italy), September 6–9 2010

### Working group: Meshfree Approximation

Organizers: Armin Iske (Hamburg), Stefano De Marchi (Padova), Alessandra De Rossi (Torino)

This working group aims to group together people working on radial basis functions or more generally on kernel-methods, meshfree approximation, partition of unity methods (such as Shepard's method(s)) with emphasis to the applications of these methods to interpolation of scattered data, data compression, adaptive thinning algorithms and solution of differential equations.

In addition to the planned tutorial, to the participants of this working group we offer the possibility to present their own research results as a contributed talk of about 30 minutes and/or poster.

### Tentative scheduling (slots in bold face)

	Monday 6	Tuesday 7	Wednesday 8	Thursday 9
9.30–11.00		tutorial	tutorial	tutorial
11.00–11.30		coffee break	excursion	coffee break
11.30–13.00	registration	<b>PoU methods</b>		<b>Applications</b>
13.00–15.00	lunch	lunch		lunch
15.00–16.30	tutorial	plenary talk		<b>poster session</b>
16.30–17.00	coffee break	coffee break		coffee break
17.00–18.30	<b>RBF and Kernel Methods</b>	<b>contributed talks</b>		<b>contributed talks</b>
		21.00 wine tasting		20.00 social dinner

### List of confirmed speakers (updated on July 15, 2010)

<b>RBF and Kernel Methods</b>	O. Yefremov (Hamburg)	G. Tamberg (Tallin)	
<b>Partition of Unity</b>	R. Cavoretto (Turin)	C. Bracco (Turin)	
<b>Applications</b>	C. Götz (Hamburg)	F. Dell'Accio (Cosenza)	