

Schedule of the DMG DoktorandInnen Short Course “Texture Analysis with MTEX emphasizing EBSD Data Analysis”

David Mainprice
Géosciences Montpellier UMR CNRS 5243
Université Montpellier 2, France

Helmut Schaeben
Geomathematics and Geoinformatics
TU Bergakademie Freiberg, Germany

	Mon, March 10, 2014	Tue, March 11, 2013	Wed, March 12, 2014	Thu, Mar14, 2014	Fri, March 14, 2014
8.30 am	Lecture Introduction to Crystallography and Diffraction	Lecture EBSD data analysis	Lecture Anisotropic physical properties	Exercise with PC Physical property calculations of 2nd and 3rd rank tensors using EBSD data and pole figure data with MTEX	Exercise with PC Practical project I
	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
10.30 am	Lecture Orientation density function, integral / individual orientation measurements	Lecture Grain modeling with MTEX, EBSD data analysis towards fabric analysis	Lecture Anisotropic physical properties	Exercise with PC Physical property calculations of elasticity rank tensors using EBSD data and pole figure data with MTEX	Exercise with PC Practical project II
	Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
1.30 pm	Exercise with PC Introduction to MATLAB	Exercise with PC ODF Analysis with MTEX	Visiting Mineralogical collection of the ...	Round table discussion	Exercise with PC Practical project III
	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
3.30 pm	Exercise with PC Introduction to MTEX	Exercise with PC ODF Analysis with MTEX	... Department of Mineralogy	Lecture Odds and ends	Exercise with PC Practical project IV

The course language will be English