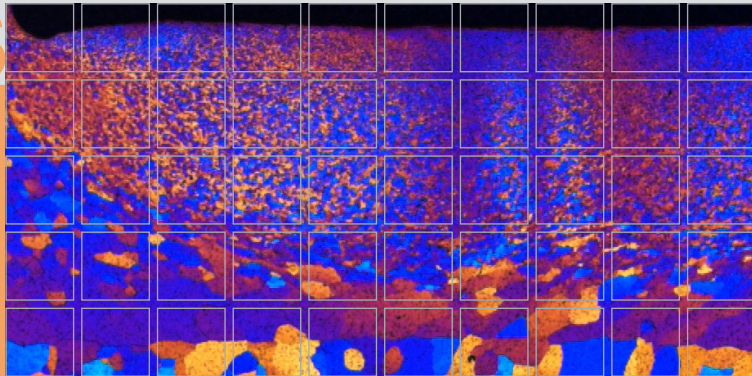




Institute for Materials Science and Welding
Univ.-Prof. Dipl.-Ing. Dr.techn. Christof Sommitsch

IWS



Final Programme

**1st Workshop on Gleeble Welding
Process Simulation and Gleeble
Welding Group Meeting**

27 - 28 February 2012

Graz - Austria

PROGRAMME

27. February 2012: Workshop

09:00 hrs:	<i>Welcome note</i>	C. Sommitsch
09:15 hrs:	<i>The Strain-to-Fracture Test for Quantifying Ductility Dip Cracking</i>	J. C. Lippold
09:50 hrs:	<i>A Method to Determine Heating Rate and Peak Holding Time in HAZ Simulations</i>	S. Heikkilä D. Porter P. Karjalainen
10:25 hrs:	Coffee break	
11:00 hrs:	<i>Simulation of Thermal Cycles during Spot Welding of High Strength Steels in order to preview the Mechanical Response of the Weld by FE</i>	S. Dancette, D. Fabrègue , V. Massardier, J. Merlin, T. Dupuy, M. Bouzekri, F. Mercier
11:35 hrs:	<i>Simulation of Microstructure development during Brazing of Copper</i>	A. Hütter N. Enzinger
12:10 hrs:	<i>Development of Innovative Welding Technologies for Plates and Profiles made of High Strength Steels using the Example of the Production of Mobile Cranes</i>	A. Scharff A. Sumpf
12:45 hrs:	Lunch	
14:00 hrs:	<i>Use of the Hot Torsion Test to Simulate Friction Stir Welding</i>	J. C. Lippold
14:35 hrs:	<i>The Overview of Welding Processing Research Activity using Gleeble 3800 at SPbSPU</i>	A. Naumov
15:10 hrs:	Coffee break	
15:40 hrs:	<i>Simultaneous Dilatometry and Single Sensor Differential Thermal Analysis in HSLA Steels using the Gleeble Thermo-mechanical Simulator</i>	B. T. Alexandrov X. Yue J. C. Lippold
16:15 hrs:	<i>Thermal-mechanical Fatigue on Gleeble as an Accelerated Creep Test for Welded Parts</i>	S. T. Mandziej
16:50 hrs:	End of first day	
19:00 hrs:	Dinner	

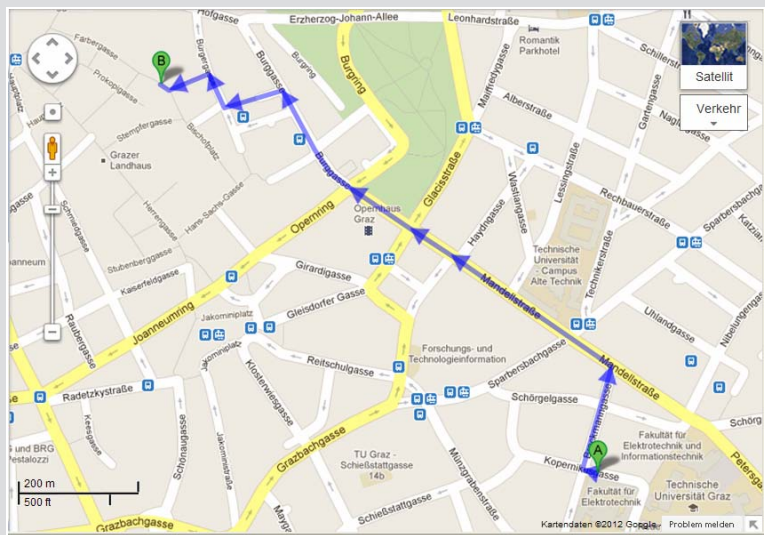
28. February 2012: Gleeble Welding Group Meeting (DSI Gleeble users only)

08:30 hrs:	<i>Resume of 1st day</i>	C. Sommitsch
08:45 hrs:	<i>Presentation on the newest developments</i>	Representatives of DSI
	<i>Users questions related to control and maintenance</i>	All
10:15 hrs:	Coffee break	
10:45 hrs:	<i>Lab visit: Gleeble 3800 experiments</i>	All
13:00 hrs:	Lunch	
14:00 hrs:	<i>Discussion of possible cooperations (Round Robin etc.)</i>	All
16:00 hrs:	<i>Closing</i>	All
16:30 hrs:	<i>End of the meeting</i>	

DINNER ON 27.02.2012 SPONSORED BY DSI

Dinner location:

Glöckl Bräu
Glockenspielplatz 2-3
A-8010 Graz





Venue

Graz University of Technology

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