

(suggested arrival in Bochum: Wednesday evening, 19th June, 2013)

Thursday, 20th June, 2013

8.00	Bus transportation (pick-up) from Golfhotel Lottental
8.30 - 9.00	Coffee
9.00 - 9.30	Eggeler, Gunther /Ruhr-Universität Bochum <i>Welcome and Short Introduction into SFB/Transregio 103</i>
9.30 - 10.00	Viguiet, Bernard /ENSIACET Toulouse <i>Welcome and Preview of Creep 2015</i>
10.00 - 10.30	Caron, Pierre /ONERA, Chatillon <i>Microstructural optimisation of single crystal (SX) nickel-based superalloys for a high level of mechanical properties within a wide temperature range: is it possible?</i>
10.30 - 11.00	Coffee / Discussions
11.00 - 11.30	Glatzel, Uwe /Universität Bayreuth <i>Modeling the influence of oxidation on creep behavior of SX thin-walled specimens</i>
11.30 - 12.00	Douin, Joël /CEMES, Toulouse <i>Mechanical properties of Ni-based superalloys during ageing and anisothermal creep: How the evolution γ-precipitates controls the deformation mechanisms?</i>
12.00 - 12.30	Buck, Hinrich /Ruhr-Universität Bochum <i>Evolution of porosity in SX during creep</i>
12.30 - 13.00	Müller, Julian /Universität Erlangen-Nürnberg <i>Quantitative analysis of interfaces and superdislocations</i>
13.00 - 14.00	Lunch / Discussions
14.00 - 14.30	Viguiet, Bernard /ENSIACET, Toulouse <i>Dislocation mechanisms and evolution of the rafted microstructure during very high temperature creep of SX Ni-based superalloys</i>
14.30 - 15.00	Eggeler, Gunther /Ruhr-Universität Bochum <i>A dislocation based analysis of creep anisotropy in Ni-based superalloy SX</i>
15.00 - 15.30	Lopez Galilea, Inmaculada /Ruhr-Universität Bochum <i>Formation of intermetallic phases during solidification of Ni- and Co-based SX superalloys</i>

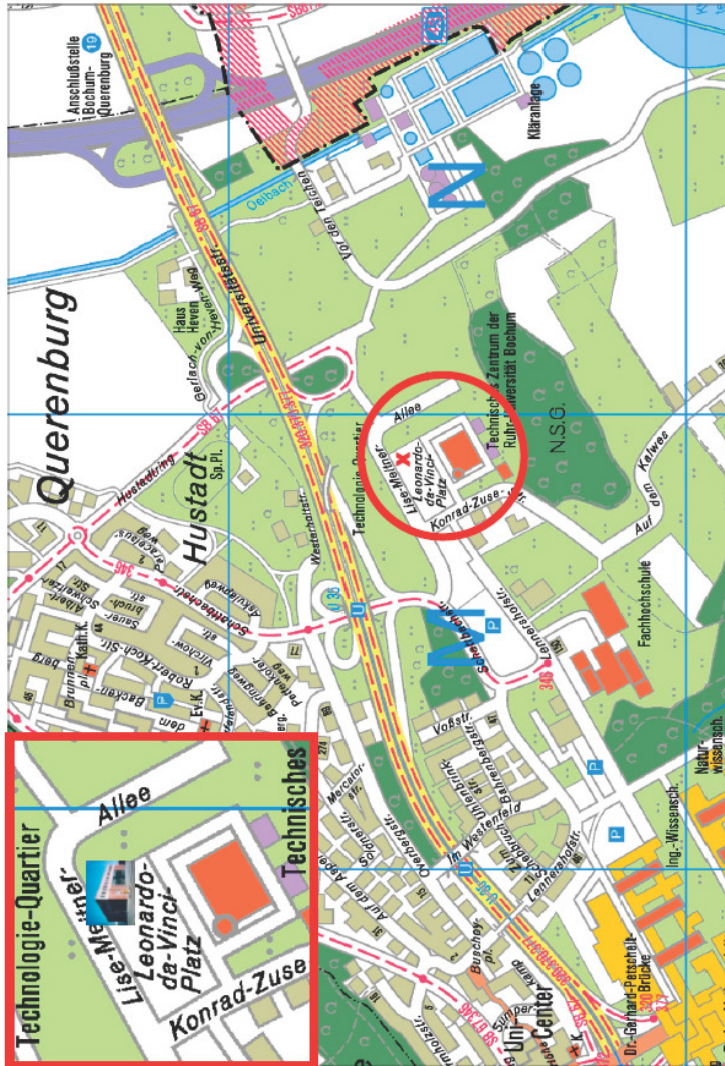
15.30 - 16.00	Coffee / Discussions
16.00 - 16.30	Jacques, Alain /IJL, Nancy <i>XRD and phase-specific mechanical behaviour of rafted superalloys</i>
16.30 - 17.00	Wollgramm, Philip /Ruhr-Universität Bochum <i>Characterization of chemistry and microstructure of Ni-based SX superalloys</i>
17.00 - 17.30	Cormier, Jonathan /ENSMA, Poitiers <i>Impact of the plastic deformation on the dissolution kinetics of the gamma-phase in Ni-based single crystal superalloys</i>
17.30	Visit laboratories at RUB
18.30	Bus transportation back to hotel Lottental
Starting 19.00:	Dinner at Posts Lottental (close to Wald- und Golfhotel Lottental)

Friday, 21st June, 2013

8.00	Bus transportation (pick-up) from Golfhotel Lottental
8.30 - 9.00	Coffee / Discussions
9.00 - 9.30	Neumeier, Steffen /Universität Erlangen-Nürnberg <i>Creep and microstructural evolution in γ/γ' Co-base superalloys</i>
9.30 - 10.00	Pettinari, Florence /CEMES, Toulouse <i>Quantitative analysis of the deformation micromechanisms in different γ-phases containing Re or Ru and W</i>
10.00 - 10.30	Epishin, Alexander /TU Berlin <i>Hot isostatic pressing of superalloy CMSX-4: experiment and modelling</i>
10.30 - 11.00	Coffee / Discussions
11.00 - 11.30	Fleischmann, Ernst /Universität Bayreuth <i>Solid solution hardening by different refractory elements in the single crystalline matrix of Nickel-based superalloys</i>
11.30 - 12.00	Texier, Damien /ENSIACET, Toulouse <i>Creep behavior of Ni-based single crystal superalloy at the dendritic scale</i>
12.00 - 12.30	Conclusions / Closing
12.30	Light lunch
13.30	End of meeting (easy access to metro/train for airport)



Address Wald&Golfhotel Lottental:
Grimbergstr. 52a, 44797 Bochum (Phone: 0234 / 9796-0)



Workshop Location:

Zentrum für IT-Sicherheit, Lise-Meitner-Allee 4, Technologie-Quartier Bochum

The workshop site is close to the final stop of metro line „U35 / Hustadt“ coming from hotel IBIS. It is in walking distance from Wald- und Golfhotel Lottental.

Programme

Workshop

Single Crystal Superalloys
with γ/γ' -Microstructures

20th/21st June, 2013

Ruhr-Universität Bochum