

CONTACT / LOCATIONS

RUHR-UNIVERSITÄT BOCHUM
Lehrstuhl Werkstoffwissenschaft
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HORST-GÖRTZ-SAAL
Zentrum für IT-Sicherheit
Lise-Meitner-Allee 4
44801 Bochum

The locations of the reception (IAN 01/01), the Bistro Mensa RUB and the Horst-Görtz-Saal are highlighted on the site map.



CONCLUSIVE WORKSHOP OF SFB 459, A COLLABORATIVE RESEARCH CENTRE ON NITI SHAPE MEMORY TECHNOLOGY

The SFB 459 is a collaborative research centre on basic and applied aspects of the properties of NiTi shape memory alloys. SFB is a German abbreviation and stands for “**Sonderforschungsbereich**” (German for collaborative research centre). The SFB 459 has received funding by the Deutsche Forschungsgemeinschaft (DFG) since January 2000 and reaches the end of its fourth three years funding period in December 2011. However, research on shape memory alloys with its fascinating basic and applied aspects will be carried on in Bochum.

At our conclusive workshop, we will present the key results of the SFB 459. All projects participating in the fourth funding period will prepare posters which can be visited throughout the workshop. The field of NiTi shape memory technology will be reviewed in 7 scientific/technical sessions.

The workshop will be limited to 120 participants, including all researchers and students involved in SFB 459 and some external guests. We invite those colleagues from science and engineering to our final workshop who have been working with us in the last years. We will also have guests who have supported us over the years. We are looking forward to interesting scientific interactions and to discussing directions of further research. An interesting and pleasant side programme will accompany our conclusive workshop.

Bochum, July 2011

Gunther Eggeler

RUHR-UNIVERSITÄT BOCHUM

RUB

INVITATION FINAL CALL

TO PARTICIPATE IN

THE CONCLUSIVE **SFB459**
WORKSHOP ON RECENT
PROGRESS AND FUTURE
RESEARCH ACTIVITIES IN THE
FIELD OF SHAPE MEMORY
TECHNOLOGY

to be held at the
Ruhr-Universität Bochum, Germany
from **September 14th to 16th, 2011**



OBJECTIVES OF WORKSHOP

The SFB 459 is a collaborative research centre on shape memory technology which has been funded by the Deutsche Forschungsgemeinschaft (DFG) since 2000. SFBs are limited in time; this is why SFB 459 comes to an end, after 12 years of successful interdisciplinary research with intensive collaboration with scientists from all over the world. We invite colleagues from science and engineering and are looking forward to interesting scientific interactions and to discussing directions of further research.

WORKSHOP PROGRAMME

Tuesday, September 13th (location: IAN 01/01)

7:00 pm: Registration and Welcome Reception

Wednesday, September 14th (Horst-Görtz-Saal)

8:30 am: Registration and Coffee

9:00 am: Opening

9:15 am: Session 1 – Medical Application of NiTi

2:00 pm: Session 2 – Thin Films and Micro Systems

3:30 pm: Poster Session (all SFB 459 projects)

6:00 pm: Barbecue (location: Bistro Mensa RUB)

Thursday, September 15th (Horst-Görtz-Saal)

8:30 am: Registration and Coffee

9:00 am: Session 3 – Processing and Manufacturing

1:00 pm: Session 4 – Engineering Applications of SMAs

3:30 pm: Guided Bus Tour through the Ruhr-Gebiet
(pick-up at workshop site)

5:30 pm: Guided Tour in Zeche Zollverein, Essen

7:00 pm: Workshop dinner with Side Programme
(Zeche Zollverein)

Friday, September 16th (Horst-Görtz-Saal)

8:30 am: Registration and Coffee

9:00 am: Session 5 – Microstructure and
Martensitic Transformations

11:00 am: Session 6 – Mechanical Properties/Fatigue

1:30 pm: Session 7 – Modelling of SMAs

4:00 pm: Concluding Remarks

4:15 pm: End of Workshop

SITE MAP

Workshop locations are highlighted by arrows:

1 - IAN 01/01, **2** - Bistro Mensa RUB
and **3** - Horst-Görtz-Saal

WORKSHOP DETAILS

- The conclusive workshop of SFB 459 is **free of charge** (including coffee / beverages and lunches / dinners)

- For **registration**, please send an E-mail to Mrs. Römer (suzana.roemer@rub.de)

- For **accommodation**, we suggest some centrally located hotels, which are very close to the U35 station:

Park Inn Hotel:

www.park-inn-bochum.de

Art Hotel Tucholsky:

www.art-hotel-tucholsky.de

IBIS Bochum CITY and IBIS

Bochum Zentrum:

www.ibishotel.com (enter Bochum)

For guests who like it quiet and do not mind a 15 min. walk to the workshop site:

Golfhotel Lottental: www.wugh.de

- A **detailed schedule** of our workshop is available on the web site: www.ruhr-uni-bochum.de/sfb459

- Please do not hesitate to **contact** us in case you have any questions (E-mail: suzana.roemer@rub.de)

H. Hörsaalbereich der Gebäude
ZKF Zentrum Klinische Forschung
HZO Hörsaalzentrum Ost
UB Universitätsbibliothek
UV Universitätsverwaltung
RZ Rechenzentrum
SH Studierendenhaus
MZ Musikalisches Zentrum
IAN, IBN, ICN, IDN Versuchshallen und Werkstätten
SVH Sonderversuchshallen
CASPO Campusportanlage
FND Gebäude Forum Nord Ost
KITAG Kindertagesstätte
VC Vita Campus
TZR Technologiezentrum Ruhr
TUZ Tutoriumzentrum
MSSA Mittelspannungsschaltanlage

— Straßen
— Fußwege
— kontrollierte Zufahrt
— Info Punkte
— I-Tafel
— Behinderten Fahrstühle



For IAN 01/01 and for Bistro Mensa RUB please use U35 (stop: *Ruhr-Universität*). The Horst-Görtz-Saal is very close to the final stop U35 (*Hustadt*). The U35 connects the RUB campus with down town Bochum and commutes frequently (every 15 min.).