

ADMINISTRATIVE AND GENERAL INFORMATION

The primary source of information about HARMNST 2013 is the conference website: www.harmnst2013.org

Questions about further information, sponsorship and the commercial exhibition may be addressed to:

Mrs. Sabrina Rosendahl
Congress Office Manager
congressorg@microresist.de

SPECIAL EVENTS

A welcome reception will be held on Sunday, 21 April at the "Faculty Club" bar of the conference hotel Seminaris Campus Hotel Berlin. The conference dinner will be held on Tuesday, 23 April with the opportunity to see major interesting sites of Berlin.

REGISTRATION AND FEES

Information on registration and abstract submission will be available on the conference website starting in summer 2012. Special early booking rates will be available until 4 weeks prior to the conference.

IMPORTANT DATES

CONFERENCE:	22 – 24 APRIL 2013
ABSTRACT DEADLINE:	14 DECEMBER 2012
ABSTRACT ACCEPTANCE:	15 FEBRUARY 2013
EARLY REGISTRATION RATES:	8 MARCH 2013

WELCOME TO BERLIN

Berlin is Germany's largest city with a population of 3.4 million people. Around one third of the city's territory is composed of forests, parks, gardens, rivers and lakes. After the German reunification in 1990 and meanwhile the city regained its status as the capital of all Germany hosting 147 foreign embassies. Berlin is a world city of culture, politics, media, and science and is one of the most visited tourist and congress destinations in the European Union with significant industries including IT, pharmaceuticals, biomedical engineering, biotechnology, optoelectronics, traffic engineering, and renewable energy. Berlin's four universities are famous far beyond the city borders with more than 139.000 young people studying here. Berlin is home to 153 museums, 420 art galleries, 50 theatres, 3 major opera houses and is recognized for its festivals, diverse architecture, nightlife and a high quality of living.

CONFERENCE VENUE SEMINARIS CAMPUSHOTEL BERLIN

Takustrasse 39, 14195 Berlin, Germany
www.seminaris.de/berlin

Situated in the southwest of Berlin the city district Dahlem is one of the most beautiful and desirable districts of the capital. Green prevails and magnificent villas and small parks create very pleasant scenery. The Seminaris CampusHotel Berlin was built on the Campus of the Freie Universität Berlin. It represents a modern life style and aims to suit the demands of visitors of conferences, business meetings and cultural programs in Berlin and surroundings.

ACCOMODATION

We have negotiated special room rates.
Please make sure to mention
the booking code „HARMNST“.

10th International Workshop on High Aspect
Ratio Micro and Nano System Technology

HAR MNST BERLIN 2013



PHOTOS: KIT – Institute of Microstructure Technology (Bendled X-ray grating)
Helmholtz-Zentrum Berlin (Lens array with mothseye patterns on surface)

GESTALTUNG: www.ehlers-kohfeld.de



21 – 24 April 2013
www.harmnst2013.org



SCOPE OF THE CONFERENCE

NANO AND MICRO PATTERN GENERATION – LITHOGRAPHY:
UV, E-beam, X-ray, proton, resists

NANO IMPRINT LITHOGRAPHY:
Surface features, processes, materials...

NANO AND MICRO REPLICATION:
Injection moulding, compression moulding, blow moulding,
polymer and glass moulding, electroforming...

MICRO AND NANO MACHINING:
3D and surface structures, replication moulds...

MICRO AND NANO LASER PATTERNING:
Laser writing, laser ablation...

METROLOGY OF MICRO AND NANO STRUCTURES:
Structural dimensions, mechanical and optical characteristics,
surface characteristics...

APPLICATIONS:
Mechanical, fluidic, optical electromagnetic...

BACKGROUND INFORMATION

HARMNST is an international workshop on high aspect ratio micro and nano technologies and their application focusing on non-silicon materials.

HARMNST 2013, the 10th workshop, follows the tradition of HARMNST workshops started in 1995. Besides its focus on micro technology it will also offer for the first time a platform for emerging high aspect ratio nano technologies. The workshop brings together process and application engineers, material scientists and industrial users spanning across topics from R&D, to prototyping and commercial opportunities.

CONFERENCE STRUCTURE

HARMNST 2013 will start on Monday, 22 April after an informal get-together on Sunday evening. It will finish on Wednesday afternoon. The program will provide ample opportunities to share ideas and discuss technical and process details. Internationally recognized experts will discuss highlights and trends complemented by oral and poster presentations of the latest R&D results. The dialogue between R&D and industrial people will be stimulated through an industrial exhibition. Abstracts are accepted and reviewed by the international program committee.

HARMNST TECHNICAL ADVISORY COMMITTEE

SVEN ACHENBACH University of Saskatchewan – Canada
CHIEN-CHUNG FU National Tsing-Hua University – Taiwan
JOST GOETTERT CAMD, Louisiana State University – USA
GABI GRUETZNER Micro Resist Technology – Germany
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YUICHI UTSUMI New Subaru – Japan
JOHN D. WILLIAMS University of Alabama – USA

PROGRAM COMMITTEE

The program committee is composed of well known international experts in the field of high aspect ratio micro and nano structure technologies and systems. These experts will guarantee a high quality workshop program based on your submitted abstracts.

CHAIR: JUERGEN MOHR
Karlsruhe Institute of Technology, IMT, Germany

CO-CHAIR: JOST GOETTERT
Louisiana State University, CAMD, USA

LOCAL ORGANIZING COMMITTEE

LOCAL CHAIR: GABI GRUETZNER
micro resist technology GmbH, Berlin, Germany

LOCAL CO-CHAIR: BERND LOECHEL
Helmholtz-Zentrum Berlin (HZB), Berlin, Germany

PHOTOS: Berlin Partner GmbH / Fritschfoto (Kanzleramt), Mark Tomlinson (Berliner Fernseherturm)

PHOTO Rainer Vierlboeck Seminars CampusHotel Berlin, Hausansicht

