

INTERNATIONAL CONFERENCE

“Bexbach Colloquium on Science”

BCS 2000 28-29 October 2000

Hotel Hochwiesmühle

*Hochwiesmühle 50-54
D-66450 Bexbach, Germany
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The Organizers

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The co-organization was provided by

Heinz Müller, Mayor of Bexbach
Dr. Volker Ostheimer, University of Saarbrücken
Professor Dr. Marko Robnik, CAMTP,
University of Maribor, Slovenia

BCS 2000

CONFERENCE SCHEDULE

SOCIAL EVENT FRIDAY 27 October 2000

A. Ruffing

Reception for all Participants at Hotel Hochwiesmühle

Welcome Remarks

09:30-10:00

The welcome session is directly opening the day's presentation of the Saar region and the Euroregion Saar-Lorraine-Luxembourg. We will learn about this European core region during our day's trip:

Departure of Minibus at Hotel Hochwiesmühle

10:00

Trip across the green face of Saarland to Saarbrücken

Saarbrücken is the capital of Saarland, owning a well-known university with outstanding contributions to modern computer science. The Max-Planck Institute for Computer Science is located in Saarbrücken. Saarbrücken has turned more and more into a cultural metropole of the so-called "Saar-Lor-Lux region".

Trip from Saarbrücken across the industrial face of Saarland to the World Cultural Heritage Monument "Saarhütte" in Völklingen

Völklingen is a worldwide acknowledged monument of technological history.

Trip from Völklingen along river Saar to Schengen

Lunch break near Schengen

12:30-14:00

Schengen is the famous village where the European declaration about dropping the mutual border controls of its member states has been signed. It is located at the river Mosel/Moselle, close to the triangle point between France, Germany and Luxembourg.

Trip from Schengen through Lorraine (France) to Spicheren

Spicheren is - after its crucial meaning in the past - nowadays referred to as the "Village of Peace", reminding its visitors of a great historical challenge - establishing a free and modern Europe. The memorial place in Spicheren with its cross symbol is directly located at the French-German borderline.

Trip from Spicheren to Strasbourg

Strasbourg is the terminal of our trip, the truly European town with its German-French culture. The freely elected European Parliament is at home in Strasbourg. This town is often called "Capital of the European Union" and may have an increasing meaning as a future birth place of a common European constitution.

Dinner in Strasbourg

18:30-20:30

After dinner, Reise Stolz (The "StolzPaul Bus") will take us again back to Bexbach where our colloquium BCS 2000 will start the very next morning.

SATURDAY 28 October 2000

A. Ruffing / C. Lindemann / M. Robnik <i>Introduction to the Colloquium</i>	09:15-09:30
Y. Aizawa (Tokyo) <i>Kinetic Laws of Cluster Formation and Evaporation of a Cluster</i>	09:30-10:00
M. Robnik (Maribor) <i>Aspects of Quantum Chaos</i>	10:15-11:15
COFFEE BREAK <i>(including press reception)</i>	11:15-11:45
G. Casati (Como) <i>Relaxation and Fluctuations in Quantum Chaos</i>	11:45-12:45
H. Markum (Vienna) <i>Quantum Chaos in Physical Systems</i> <i>From Super Conductors to Quarks</i>	13:00-14:00
LUNCH BREAK	14:00-15:30
T. Roubíček (Prague) <i>Microstructure in Micromagnetics and its Evolution Models</i>	15:30-16:00
M. Kružík (Bonn) <i>Variational Models for Microstructures in Shape Memory Alloys</i>	16:15-16:45
COFFEE BREAK	16:45-17:15
C. Kober (Berlin) <i>Composite Material with Shape Memory Alloy fibers</i>	17:15-17:45
P. Krejčí (Berlin) <i>Hysteresis Operators and Rate-Independent Memory</i>	18:00-18:30
A. Ruffing (Munich) <i>On Some Special Function Types in Nonlinear Analysis</i>	18:45-19:15
DINNER	20:00-21:00
Formation of Discussion Groups	21:00-00:00

SUNDAY 29 October 2000

H. Müller <i>Speech by the Mayor of Bexbach</i>	10:00-10:15
M. Cvetič (<i>Philadelphia</i>) <i>Gravitational and Particle Physics in M-Theory</i>	10:15-11:15
COFFEE BREAK	11:15-11:30
L. Salasnich (<i>Milano</i>) <i>Degenerate Quantum Gases and Bose-Einstein Condensation</i>	11:30-12:30
LUNCH BREAK	12:30-14:00
R. Mir-Kasimov (<i>Dubna</i>) <i>Space Quantization and Relativistic Dynamics</i>	14:00-15:00
Y. Aizawa (<i>Tokyo</i>) <i>Dynamical Models of Cellular Slimemold Dictyostelium Discoideum</i>	15:15-15:45
H. Grushevskaya (<i>Minsk</i>) <i>Spin-Polarization Corrections in Relativistic Scattering Theory of Leaky Packed Solids</i>	16:00-17:00
COFFEE BREAK	17:00-17:30
V. Romanovski (<i>Maribor</i>) <i>Algebraic Methods for Qualitative Investigation of Polynomial Dynamical Systems</i>	17:30-18:30
G. Krylov (<i>Minsk</i>) <i>On Solvable Potentials for One Dimensional Schrödinger and Diffusion Equations</i>	18:45-19:45
A. Ruffing / V. Ostheimer <i>Closing Remarks</i>	19:45-20:00
BANQUET	20:30-00:00