

Welcome to Rostock-Warnemünde!



Rostock-Laage Airport (additional 45 min via taxi or rental car to venue or bus shuttle to Rostock main station).

Hamburg Airport (additional 2 h via train to venue)

Berlin Airport (additional 2.5 h via train to venue)

» ADDRESS OF CONFERENCE HOTEL:
Yachthafenresidenz Hohe Düne
Am Yachthafen 1
D-18119 Rostock-Warnemünde

Warnemünde is the seaside resort of the Hanseatic town Rostock in Northern Germany. The conference takes place in **Yachthafenresidenz Hohe Düne** which features a very nice conference building besides its hotel buildings. It is a top class hotel directly situated at the Baltic Sea. Besides the conference hotel there are plenty of hotels in all categories in Warnemünde as well as many private pensions (B&B) and a youth hostel so that inexpensive up to exclusive stays are available easily.

Universität Rostock

www.icap12.uni-rostock.de

Universität Rostock

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Chair of Electromagnetic Field Theory
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August 19 – 24, 2012 11th International Computational Accelerator Physics Conference (ICAP)

» Rostock-Warnemünde (Germany)
at the coast of the Baltic Sea

ICAP 2012
August 19 – 24, Warnemünde



FACULTY OF COMPUTER SCIENCE
AND ELECTRICAL ENGINEERING

11th International Computational Accelerator Physics Conference (ICAP)



The 2012 International Computational Accelerator Conference will be held **August 19 – 24, 2012 in Rostock-Warnemünde (Germany)** at the coast of the Baltic Sea.

The conference venue will be the **Yachthafenresidenz Hohe Düne**. ICAP is focused on advances in Computational Accelerator Physics and Numerical Field Calculation, and their application to existing and future machines.

»» DEADLINES

for early registration:	May 31, 2012
for abstract submission:	May 31, 2012
for paper submission:	August 13, 2012
Hotel Room Block Reservation ends:	May 28, 2012

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Universität Rostock



»» TOPICS COVERED

- Computational Needs (Projects and Challenges)
- Particle Tracking and Map Methods
- Numerical Methods in Field and Radiation Computation
- Optimization
- Computer Modeling of High Current Effects
- Beam-Material Interactions
- Plasma Accelerator Schemes
- High Performance Computing
- Pre- and Post-Processing
- Software Exhibition Panel

ICAP 2012
August 19 – 24, Warnemünde



Scientific Program Committee (SPC)

Ursula van Rienen (Chair, Universität Rostock, Germany)
Thomas Weiland (Technische Universität Darmstadt, Germany)
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Technical editor: Dirk Hecht (Universität Rostock)
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