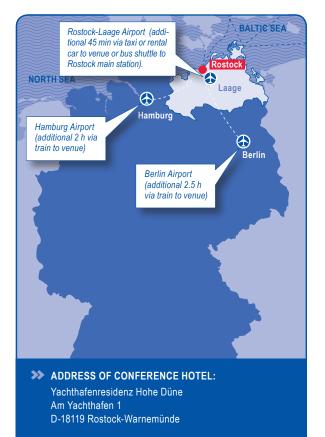


Welcome to Rostock-Warnemünde!



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. www.icap12.uni-rostock.de

Universität Rostock

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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





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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>> 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





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