



caesar  
Crystal Growth



Continuum Models for Epitaxial Growth  
August, 4<sup>th</sup>-6<sup>th</sup>, 2003

Registration

Workshop

research center caesar  
Postfach 7025  
D-53070 Bonn  
Germany

## Organization

### Social Event

Conference Dinner at August, 5<sup>th</sup>. A contribution of € 20 must be paid.

### Location

research center caesar  
Ludwig-Erhard-Allee 2  
D-53175 Bonn  
Germany

### Conference Language

English

### Scientific Committee

Felix Otto (University of Bonn)  
Axel Voigt (research center caesar)

### Local Organization

Margret Schilling +49 (0)228 96 56 102  
Anke Thiedemann +49 (0)228 73 34 11

### Directions to caesar

**By Plane** (Airport Cologne/Bonn): Taxi-transfer (€ 30).  
Or bus line direction Bonn, get off at Hauptbahnhof (main station), take bus, line 610 (direction Heiderhof), get off at caesar.

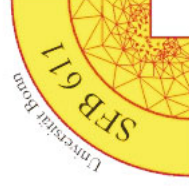
**By Train**: You will reach caesar within 10 minutes from the main station of Bonn by bus, line 610 (direction Heiderhof), get of at caesar.

**By Automobile**: Motorway 59 / 562 direction Bonn-Bad Godesberg, Exit Rheinaue, left into Ludwig-Erhard-Allee. Motorway 565 direction Koblenz, Exit Bonn-Poppelsdorf, via Reuterstrasse into Adenauerallee/Friedrich-Ebert-Allee until crossing Hochkreuzallee, turn left into Kennedyallee, then straight until crossing Ludwig-Erhard-Allee/Kennedy-Allee.

Workshop

# Continuum Models for Epitaxial Growth

August, 4<sup>th</sup>- 6<sup>th</sup>, 2003  
Bonn, Germany



## Continuum Models for Epitaxial Growth

The collaborative research center (SFB) 611 at the University of Bonn and the research center caesar will hold a workshop, in **August, 4<sup>th</sup> to 6<sup>th</sup>, 2003** on "Continuum Models for Epitaxial Growth". In order to describe epitaxial thin film growth a large variety of continuum models at different time and length scales have been derived. The workshop concentrates on bridging the gap between these different models, with a special focus on BC/F and its variants. We will bring together experts from different communities to report about the state-of-the-art of modeling in epitaxial growth with the aim to combine microscopic film properties with macroscopic growth process conditions. The symposium will take place in Bonn, in the newly built research center caesar. Thin film growth is presently one of the key research areas of caesar.

## SFB 611

This research center is funded by the German Science Foundation. The topic is the investigation of singular phenomena and scaling in mathematical models. The goal is the efficient treatment of new types of models through the close combination of theoretical/analytical and numerical methods. The strength of this combination is proven by treating selected, concrete phenomena. Can the model reproduce the experimental observations qualitatively or even quantitatively? If yes, what model assumptions are essential for this mathematical effect, which mechanisms are negligible? If not, how could the model be modified?

## caesar

caesar – center of advanced european studies and research – is an international research center located in Bonn. The private, non-profit interdisciplinary research institute carries out cutting-edge technologies at the interface information science and physics, chemistry, biology and medicine. The main goal of each project within caesar is to forge a synthesis between theoretical and experimental research as well as industrial applications.

## Invited Speakers

**Eberhard Bänsch** (WIAS)

**Russel Caflisch** (UCLA)\*

**Weinan E** (Princeton University)

**Joachim Krug** (University of Essen)

**Bo Li** (University of Maryland)

**Paolo Politi** (University of Florence)

**Tim P. Schulze** (University of Tennessee)

**Dietrich E. Wolf** (University of Duisburg)

**Nung Kwan Yip** (Purdue University)

\*to be confirmed

## General Information

**Workshop date** August, 4<sup>th</sup>-6<sup>th</sup>, 2003

**Registration** Please do use the attached return-card for registration. Deadline for registration: **May, 15<sup>th</sup>, 2003**. Please indicate in your registration if you would like to give a contributed talk or present a poster. In order to do so, please send an extended abstract of max. two pages incl. figures to one of the following addresses [otto@iam.uni-bonn.de](mailto:otto@iam.uni-bonn.de) or [voigt@caesar.de](mailto:voigt@caesar.de)

## Accommodation

We have reserved rooms at a special room rate of € 53 at the Gustav-Stresemann-Institute which is in walking distance. The special rates are available until **June, 7<sup>th</sup>, 2003**. If you would like us to book one of these rooms for you, please indicate this at the registration form or contact [schilling@caesar.de](mailto:schilling@caesar.de).

## Further Information

You will find the information about the workshop on the websites:

<http://sfb611.iam.uni-bonn.de>

<http://www.caesar.de/workshops/epitaxy>

## Registration Form

Name \_\_\_\_\_

First Name \_\_\_\_\_

University / Institution / Company \_\_\_\_\_

Address \_\_\_\_\_

Postal Code, City \_\_\_\_\_

Country \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-Mail \_\_\_\_\_

I intend to give a talk

I intend to present a poster

I would like the organizers to book a room for me at the Gustav-Stresemann-Institute (€ 53 per night) form \_\_\_\_\_ to \_\_\_\_\_.

Date \_\_\_\_\_

Signature \_\_\_\_\_