

# **Ion beam science - solved and unsolved problems : invited lectures presented at a symposium arranged by the Royal Danish Academy of Sciences and Letters, Copenhagen, 1-5 May 2006**

**Det Kongelige Danske Videnskabernes Selskab - Publications**

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## **Nanoscale Morphology Control Using Ion Beams**

Duparré A, Ferre-Borrull J, Gleich S, Notni G, Steinert J, Bennett JM: surfaces: theory and experiment. Phys Rev Lett 1994, 73 11 :1517—1520.

## **Nanoscale Morphology Control Using Ion Beams**

ITER Magazine - French only Learn more about the ITER Project by subscribing to this quarterly online magazine that is geared toward the general public. The webinar is open to all and is free of charge.

## **Ion Beam Science**

The coarsening of short wavelength ripples depends on the material system and angle of incidence. Moseler M: The ultrasMOOTHNESS of diamond-like carbon surfaces.

## **Stopping power contribution due to target and projectile excitation/ionization: a comparative study**

Carter G, Vishnyakov V: Roughening and ripple instabilities on ion-bombarded Si. Also, the pattern formation takes place on all target materials.

## **Some solved and unsolved problems in transmission electron microscopy studies of radiation damage in solids**

Madi CS, Aziz MJ: Multiple scattering causes the low energy-low angle constant wavelength topographical instability of argon ion 7 Rigorous peer

review bombarded silicon surfaces.

### Nanoscale Morphology Control Using Ion Beams

Appl Phys A 1984, 34 2 :73—94.

#### Ripple coarsening on ion beam

It shows a stack of PSD curves calculated from the  $4 \times 4 \mu\text{m}$  images. The white arrow indicates the projection of the ion beam direction.

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