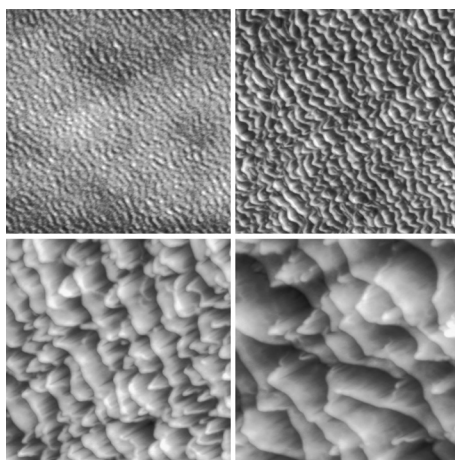


COMPTES RENDUS PHYSIQUE

Tome 16 (2015) – N° 3



STM images of Si(001) after 2 keV Kr⁺ ion exposure and ion fluences of (top left) 10^{20} , (top right) 3×10^{20} , (bottom left) 10^{21} , (bottom right) 3×10^{21} ions/m². Reprinted with permission from M. Engler, S. Macko, F. Frost, T. Michely, *Phys. Rev. B* 89 (2014) 245412.

DOSSIER

Coarsening dynamics / *Dynamique de coarsening*

Coordinators / *Coordinateurs* : Federico Corberi, Paolo Politi

- Foreword
Federico Corberi, Paolo Politi 255
- Coarsening phenomena
Leticia F. Cugliandolo 257
- Coarsening versus pattern formation
Alexander A. Nepomnyashchy 267
- Coarsening dynamics at unstable crystal surfaces
Paolo Politi 280
- Coarsening in granular systems
Andrea Baldassarri, Andrea Puglisi, Alessandro Sarracino 291
- Coarsening in fluid phase transitions
Subir K. Das, Sutapa Roy, Jiarul Midya 303
- Motility-induced phase separation and coarsening in active matter
Giuseppe Gonnella, Davide Marenduzzo, Antonio Suma, Adriano Tiribocchi 316
- Coarsening in inhomogeneous systems
Federico Corberi 332

Erratum

- Erratum to “The Sagnac effect: 20 years of development in matter-wave interferometry” [C. R. Physique 15 (10) (2014) 875–883]
Brylne Barrett, Remi Geiger, Indranil Dutta, Matthieu Meunier, Benjamin Canuel, Alexandre Gauguier, Philippe Bouyer, Arnaud Landragin 343