

# 2<sup>ND</sup> INTERNATIONAL WORKSHOP ON PHYSICS BASED MODELING OF MATERIALS PROPERTIES & EXPERIMENTAL OBSERVATIONS

Special focus: Fracture and Damage Mechanics

15-17 May 2013, Antalya - TURKEY



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The objective of the workshop is to discuss the present status of physics based models to predict degradation and failure of materials and the associated experimental methods. The Workshop is funded through the EU Enlargement & Integration Action (E&IA) and TOBB ETÜ.

## KEYNOTE SPEAKERS

**Dr. Wolfgang Brocks , CAU, Germany**  
**Dr. Jonas Faleskog, KTH, Sweden**  
**Dr. John W. Hutchinson, Harvard Univ., USA**  
**Dr. Jean-Baptiste Leblond, Paris VI, France**  
**Dr. Boris Margolin, St. Petersburg, Russia**

**Dr. Christian Miehe, Stuttgart, Germany**  
**Dr. Tarık Ömer Öğurtanı, Ankara, Turkey**  
**Dr. Thomas Pardoen, UCL, Belgium**  
**Dr. Maxime Sauzay, CEA Saclay, France**

fracture

structural integrity

time dependent degradation

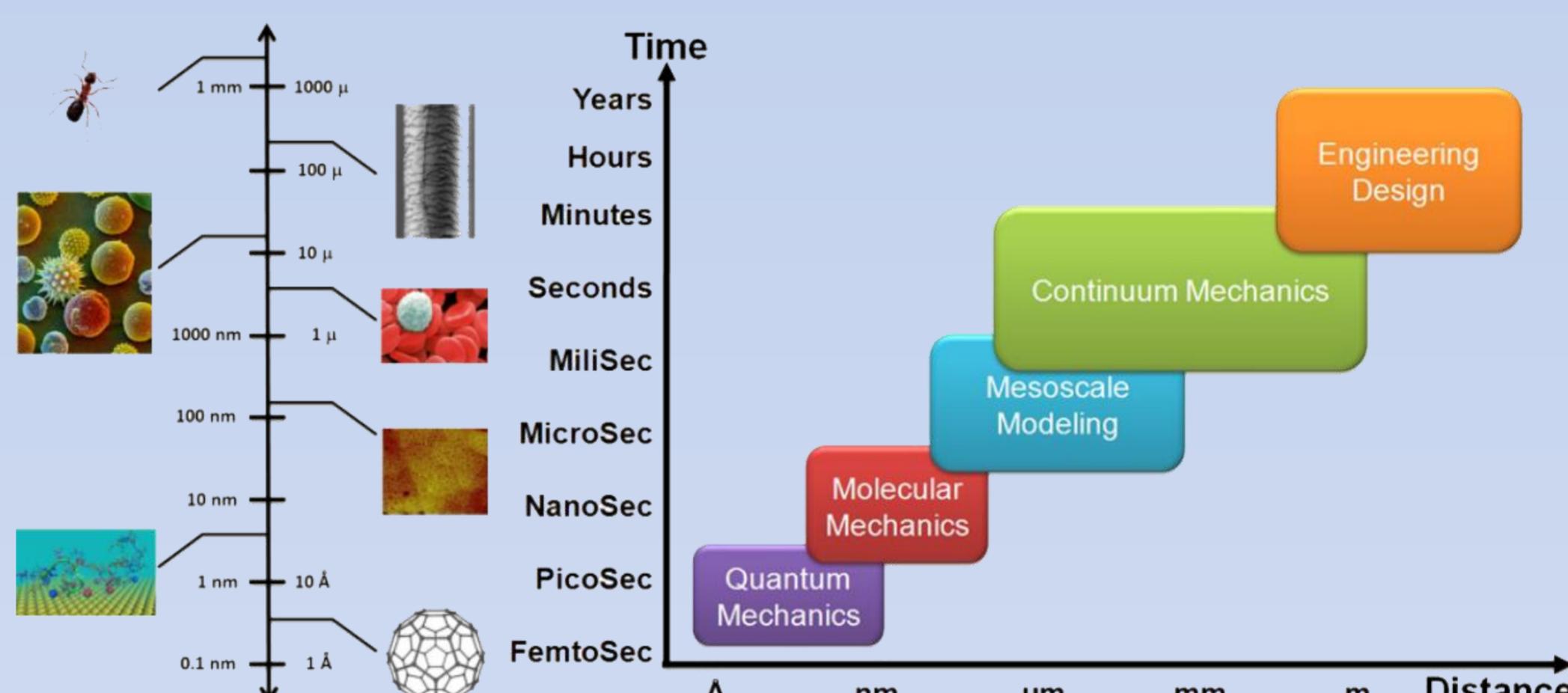
creep

fatigue

thermal ageing

damage

irradiation embrittlement



... at different length and time scales

## ORGANIZERS

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For further information: <http://eeoren.etu.edu.tr/iwpmeo/>