Subject: PhD and Post-doc positions in Erlangen

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Ph.D. and Postdoc positions at FAU-Erlangen

A recently established Chair in Applied Analysis at the Department of
Mathematics of the Friedrich-Alexander-Universitaat Erlangen-Nuurnberg
(FAU), in Germany, co-funded by an Alexander von Humboldt Foundation
(AvH) Professorship, led by Enrique Zuazua, is looking for outstanding
candidates to fill several Ph.D. and Postdoctoral positions.

Possible research projects include but are not limited to:
Analysis of Partial Differential Equations (PDE)
Control of diffusion models arising in Biology and Social Sciences
Modeling and control of multi-agent systems
Hyperbolic models arising in traffic flow and energy transport.

Fractional PDE

Optimal design in Material Sciences

Micro-macro limit processes

The interplay between discrete and continuous modelling in design and control

The emergence of turnpike phenomena in long-time horizons

Inversion and parameter identification

Development of new computation tools and software

https://www.math.fau.de/wp-content/uploads/2019/07/ChairAA-2019OpenPostionPostdocsetc2-1.pdf

Enrique Zuazua
Chair in Applied Analysis
Alexander von Humboldt-Professorship

scadenza immediata