universität wien

Fakultät für Mathematik

EINLADUNG

zum

HABILITATIONSVORTRAG

Dr. José Alberto Iglesias Martínez
(RICAM, Österreichische Akademie der Wissenschaften)

"Some applications of geometric variational problems"

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Abstract:
I will present work concerning applications of variational problems with a geometric flavor to regularization of inverse problems, image processing, shape analysis and viscoplastic fluids. Many of these center around functionals involving the total variation of scalar functions, which through the coarea formula allows to consider level sets of solutions as generalized surfaces of prescribed mean curvature. A second important theme are models for finding large deformations between shapes, also given as level sets but known a priori, by using polyconvex energies inspired in nonlinear elasticity of thin shells.

Mittwoch, 10. März 2021
15:00 Uhr – 16:30 Uhr

https://zoom.us/j/91803594668?pwd=WUhxTHNKbG
RSZ1U4UXJudkppMFY0QT09

Meeting ID: 918 0359 4668
Passcode: SP1SpW

Ilaria Perugia
Radu Bot