ISTITUTO DI MATEMATICA APPLICATA E TECNOLOGIE INFORMATICHE (CNR)
DIPARTIMENTO DI MATEMATICA "FELICE CASORATI"
via Ferrata,1 – 27100 Pavia (Italia)

Seminario di Matematica Applicata

Martedì 16 Dicembre alle ore 16 a Pavia, nella Sala Conferenze dell'IMATI-CNR (ex IAN), il

Dr. Christophe Prud'homme
(Ecole Polytechnique Fédérale de Lausanne)

terrà la conferenza:

Reduced Basis Output Bounds Methods: Fast and Reliable Approximations and some Applications

Abstract. After a brief example to motivate the methodology, I present an overview of the reduced basis output bounds methods. In particular, I will present (i) an algorithm for an adaptive approximation which could be constrained by accuracy or computing time and (ii) some ingredients for the application of these methods to the viscous Burgers equation and how it can be extended to the incompressible Navier Stokes equations.

La S.V. è cordialmente invitata.

☕ Dopo la conferenza sarà organizzato un breve rinfresco ☕