Dear all,

The year 2022 marks two great anniversaries for the Italian mathematical community: 
100 years of the Unione Matematica Italiana (UMI) and 800 years of Università di Padova.

On this unique occasion, UMI and the Department of Mathematics “Tullio Levi-Civita” of Università di Padova will organize an international conference in Padova in May 2022.

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**MAIN PROGRAM**

**MONDAY 23 – TUESDAY 24: 100-800 meeting at Palazzo Bo** hosting:

- a distinguished group of speakers, which includes two Fields Medalists, with cultural links with the Italian mathematical community
  - Alberto Bressan (Penn State University)
  - Camillo De Lellis (IAS Princeton)
  - Laura DeMarco (Harvard University)
  - Cynthia Dwork (Harvard University)
  - Martin Hairer (Imperial College London)
  - Peter Scholze (Universität Bonn)
  - Claire Voisin (CNRS Paris)

- a jump into the history of UMI and of Università di Padova guided by
  - Luca Dell’Aglio (Università della Calabria)
  - Livia Giacardi (Università di Torino)

- Round table "Mathematical challenges in an AI driven world"
  - Pierre Baldi (University of California, Irvine)
  - Gitta Kutyniok (LMU München)
  - Yann LeCun (Facebook and New York University)
  - Tomaso Poggio (MIT Boston)

- Round table "The Usefulness of Useless Knowledge"
  - Ingrid Daubechies (Duke University)
  - Robbert Dijkgraaf (IAS Princeton)
  - Alberto Sangiovanni-Vincentelli (University of California Berkeley)

**WEDNESDAY 25: 100-800 meeting at Orto Botanico**

with a public lecture by Fields Medallist Alessio Figalli (ETH Zurich)
THURSDAY 26 – FRIDAY 27: First UMI meeting of PhD students
at the Department of Mathematics “Tullio Levi-Civita”, hosting:
• talks by PhD students (see the call below)
• international plenary speakers
  o Daniele Di Pietro (Université de Montpellier)
  o Alessandro Giuliani (Università Roma 3)
  o Andrea Mondino (University of Oxford)
  o Giulia Saccà (Columbia University)
• Round table "11^2 years after Volterra: applying mathematics to biological and social sciences"
  o Ilaria Dorigatti (Imperial College London)
  o Massimo Fornasier (TU München)
  o Benedetto Piccoli (Rutgers University–Camden)

CONFERENCE WEBSITE: https://www.100umi800unipd.it/

CALL FOR PHD TALKS: notice that Ph.D. students from an Italian institution, graduating with a Ph.D. thesis in Mathematics during years 2019-20-21-22, that aim to deliver a talk during the First UMI meeting of PhD students are encouraged to submit their abstracts no later than December 31st, 2021. See more details here: https://www.100umi800unipd.it/submit

REGISTRATION to the conference is now open. Early bird reduced fees paid before March 14th, 2022. See more details here: https://www.100umi800unipd.it/registration

Looking forward to seeing you in Padova in May 2022!

Fabio Ancona (Chair OC) Piermarco Cannarsa (President UMI)
Università di Padova Università di Roma Tor Vergata

ORGANIZERS