



Summer courses in Mathematics

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PER L'ALTA FORMAZIONE IN MATEMATICA (CIAFM)  
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MINISTERO DELL'UNIVERSITÀ E DELLA RICERCA (MUR)

PERUGIA

JULY 18, 2022 – AUGUST 12, 2022

DIPARTIMENTO DI MATEMATICA E INFORMATICA  
UNIVERSITÀ DEGLI STUDI DI PERUGIA

ALGEBRA

Sachin Gautam  
Ohio State University

ALGEBRAIC GEOMETRY

Joseph Landsberg  
Texas A&M University

COMPLEX ANALYSIS

Loredana Lanzani  
Università di Bologna & Syracuse University

DIFFERENTIAL EQUATIONS IN MATHEMATICAL PHYSICS

Mousomi Bhakta  
IISER Pune

DIFFERENTIAL GEOMETRY

Andrei Moroianu  
Université Paris-Saclay

FUNCTIONAL ANALYSIS

Nicola Arcozzi  
Università di Bologna

MATHEMATICAL STATISTICS

I, II weeks, Adrien Saumard, École Nationale de Statistique et Analyse de l'Information  
III, IV weeks, Uwe Schmock, Vienna University of Technology

NUMERICAL ANALYSIS

Carla Manni  
Università di Roma "Tor Vergata"

Each course consists of 6 hours of lectures per week, for a total of 24 hours, and of 3 hours per week of problem-solving sessions, for a total of 12 hours.

For information via e-mail, interested people can write to [smi@fi.iac.cnr.it](mailto:smi@fi.iac.cnr.it)

Information on how to apply and on the course programs are also available at the web-page [www.smi-math.unipr.it/](http://www.smi-math.unipr.it/)