



DOCTORAL COURSE - AY 2020/2021

DIFFERENTIAL GEOMETRY

Teachers:

- Maurizio PARTON (✉) – *Univ. di Chieti-Pescara*
 - Daniele ANGELLA (✉) – *Univ. di Firenze*
 - Alberto RAFFERO (✉) – *Univ. di Torino*
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Calendar

| date | time |
|--------------------|---------------|
| Monday, 22/03/2021 | 14:30 - 18:30 |
| Monday, 29/03/2021 | 14:30 - 18:30 |
| Monday, 12/04/2021 | 14:30 - 18:30 |
| Monday, 19/04/2021 | 14:30 - 18:30 |
| Monday, 26/04/2021 | 14:30 - 18:30 |

Programme

Using curves and surfaces as basic examples and motivation, this course will provide an introduction to several branches of modern differential geometry: Riemannian manifolds, symplectic and complex geometry, Lie groups.

References

- Loring W. Tu, *An Introduction to Manifolds*, Springer, 2011
- Loring W. Tu, *Differential Geometry: Connections, Curvature, and Characteristic Classes*, Springer, 2017

The course will be held on a virtual platform.

To participate, please send an email to dott-dicea@unifi.it.