



UNIVERSITÀ DI PAVIA  
Dipartimento di  
Scienze della Terra  
e dell'Ambiente



# INTERNATIONAL WINTER SCHOOL

*"Thermal history of  
basin-source  
systems:*

*techniques, modelling  
and applications"*

**10-15 February**

**2020 - Pavia, ITALY**

In collaboration with  
Oil and Gas Industry



**INFO:** <http://phd-dsta.unipv.it/thermal/>



**CV & REGISTRATION:**  
[chiara.trabella@unipv.it](mailto:chiara.trabella@unipv.it)  
**DEADLINE ON  
DECEMBER 23<sup>rd</sup> 2019**

**NO FEE**

10 cfu/ECTS  
LECTURES  
+ LAB. TOUR

**dedicated to:  
GRADUATE/PHD/  
POST-DOC**

## Invited speakers:

- **Olivier Lacombe**  
*Sorbonne Université*

- **Peter DeCelles**  
- **Barbara Carrapa**  
- **Stuart Thomson**  
*University of Arizona*

- **Andrea Ceriani**  
*Khalifa University*

- **Domenico Grigo**  
- **Elisabetta Previde Massara**  
*ENI*

- **Sveva Corrado**  
*RomaTre University*

- **Massimiliano Zattin**  
*University of Padova*

- **M.Cristina Persano**  
*University of Glasgow*

- **Matteo Maino**  
*University of Pavia*

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basin-source systems:  
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**MORE INFO WILL  
FOLLOW HERE:**

[http://phd-  
dsta.unipv.it/thermal/](http://phd-dsta.unipv.it/thermal/)

## **TOPICS OF THE COURSE:**

**Thrust belts and sedimentary basins**

**Tectonic and thermal processes in  
sedimentary basins**

**Microthermometry and Fluid  
Inclusions**

**Thermal maturity based on Vitrinite  
Analysis**

**Illite/Smectite Analysis**

**Apatite Fission Track**

**Ar/Ar Thermochronology**

**(U-Th)/He Thermochronology**

**Zircon Fission Track**

**Thermal modelling for hydrocarbon  
exploration**

**FOR REGISTRATION  
SEND A SHORT CV TO:**  
[chiara.trabella@unipv.it](mailto:chiara.trabella@unipv.it)

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