



PHASE CHANGE MATERIALS SCHOOL 2022

23-24/02/2022



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FOR ENROLLEMENT PLEASE SEND
AN E-MAIL TO:

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<u>Wednesday February 23rd 2022</u>	
09:00 – 09:15	Opening by: Raffaella Calarco – CNR-IMM Roma
09:15 – 10:00	Lecture 1 Title: Introduction to phase change materials (PCM) by: Bart Kooi – University of Groningen
10:00 – 10:15	Break
10:15 – 11:00	Lecture 2 Title: PCM electrical memories by: Andrea Redaelli – STMicroelectronics Agrate Brianza
11:00 – 11:15	Break
11:15 – 12:00	Lecture 3 Title: Neuromorphic computing by: Valeria Bragaglia IBM Zuerich
12:00 – 12:15	Break
12:15 – 13:00	Lecture 4 Title: PCM material synthesis and fabrication by: Massimo Longo – CNR-IMM Roma

<u>Thursday February 24th 2022</u>	
09:00 – 09:15	Opening By: Raffaella Calarco – CNR-IMM Roma
09:15 – 10:00	Lecture 5 Title: Introduction to PCM theoretical calculations by: Riccardo Mazzarello – La Sapienza Università di Roma
10:00 – 10:15	Break
10:15 – 11:00	Lecture 6 Title: PCM thermal properties - Theory by: Marco Bernasconi – Università di Milano Bicocca
11:00 – 11:15	Break
11:15 – 12:00	Lecture 7 Title: PCM thermal properties - Experiment by: Jean-Luc Battaglia – CNRS I2M University of Bordeaux
12:00 – 12:15	Break
12:15 – 13:00	Lecture 8 Title: PCM structural investigations by: Antonio Mio – CNR-IMM Catania