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Scuola di dottorato
in **SCIENZE DELLA VITA
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LECTURES



BIOMEDICAL APPLICATIONS OF THE RAMAN PROBE: physics meets molecular medicine in the quantum world

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Giuseppe **PEZZOTTI** is Vice President and full professor at the Ceramic Physics Laboratory at the Kyoto Institute of Technology, Japan. He graduated summa cum laude in mechanical engineering from Rome University "La Sapienza" and holds three doctoral degrees in materials engineering, solid-state physics, and medical sciences (orthopedics), all obtained in Japan, the country where he has lived the past 30 years. Professor Pezzotti is also an adjunct professor at the Medical Schools of Osaka University, Kyoto Prefectural University of Medicine, and Tokyo Medical University. He published 652 scientific papers and holds 8 patents, including a world patent regarding nanoscale stress microscopy in the scanning electron microscope. He was awarded by the Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT) in 2017 with the prestigious Prize for Science and Technology.

VENERDÌ 15 DICEMBRE 2017 | ore 12
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