

Venerdì, 19/11/2021  
alle ore 11.30

la Dr.ssa Maria Cristina Salvatici  
ICCOM-CNR  
Firenze

terrà il seguente seminario:

"La Microscopia Elettronica Interdisciplinare come Supporto  
alla Ricerca"

Il seminario sarà tenuto in modalità telematica, tramite accesso alla piattaforma  
GoToMeeting.

Si invitano tutti gli interessati a partecipare.

Dr. Francesco Vizza  
Direttore ICCOM

### Short Abstract:

Electron Microscopy (EM) has been one of the most widely used investigation and characterisation techniques for almost 100 years now. In fact, EM can be used to analyse samples from all kinds of fields: Materials Science, Environmental Science, Chemical Science, Life Science and Medicine, Animal and plant biological samples, Cultural Heritage, Nanotechnology, etc.

For about 15 years at ICCOM I have been carrying out research using microscopy, and supporting researchers who use this technique for their projects.

My research activity is not aimed at one field of science (chemistry, biology, etc.) but at the application of microscopy (EM) to science in order to support the scientific network.

Support for research is not only aimed at the application of microscopy, but above all at dissemination and knowledge of the possibilities it can offer through training courses, scientific events, and educational courses for schools and universities.

### Short Biography:

Maria Cristina Salvatici is a technologist at ICCOM-CNR since 2019, working in the Electron Microscopy Centre "Laura Bonzi"- CeME since 2007.

She graduated in Biology at the University of Siena, discussing with a thesis entitled "The fine structure of the spermatozoa glycocalyx", in which she characterised the ultrastructures using scanning and transmission electron microscopy. She received her PhD in Morphological Science at the same institution with a thesis entitled 'Expression and characterisation of ankyrin in skeletal muscle' where he furthered his knowledge in molecular biology and characterisation by fluorescence and confocal light microscopy.

Her research is focused on the application of electron microscopy. In the following years she specialised in the field attending advanced training courses in Italy and abroad, including:

Theoretical-Practical Course on Transmission Electron Microscopy in Materials Science, IMM-CNR. Course -Microscopic techniques and their contribution to the study of the cell. Fondazione IRCCS Istituto Nazionale dei Tumori-Milan. Course on Cryo techniques for electron microscopy. Royal Microscopical Society, Rothamsted Research Harpenden, UK.

She currently cooperates with researchers of CNR and Italian university e industry's.

She is co-author of 30 scientific publications in peer-reviewed ISI journals and 1 book chapters.