

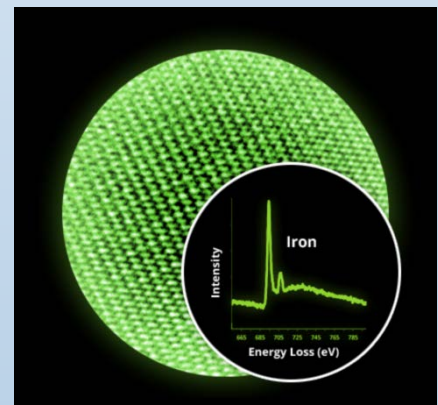
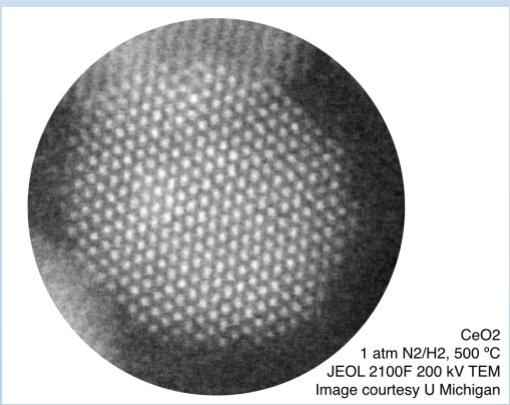


New Possibilities in high-end TEM Instrumentation and In Situ Analysis in Gas and Liquid Environments

Supported by
JEOL (Germany) GmbH

April 22nd and 23rd 2015
ETH Hönggerberg/ ScopeM
Vladimir-Prelog-Weg 10
HCI G-Floor (lectures)
CH-8093 Zurich

Register here: <http://www.scopem.ethz.ch/education/Workshops.html>



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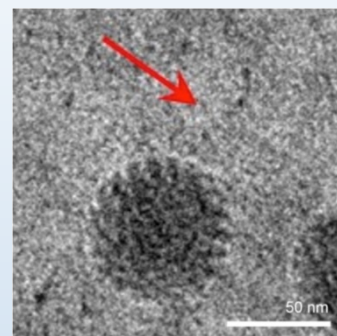
New Possibilities in high-end TEM Instrumentation and In Situ Analysis in Gas and Liquid Environments

The workshop is organized by JEOL (Germany) GmbH and ScopeM at ETH Zurich.

Experienced employees of JEOL (Germany) GmbH and Protochips Inc. show you new capabilities in high-end TEM imaging and analytics and in situ applications in life and materials science. The keynote lectures will accompany the subsequent parallel sessions on in situ TEM.

Wednesday, 22nd April 2015 – HCI G7

10:00	Check-in of participants
10:15	Welcome to the ETH Zurich
10:30	A new paradigm in environmental TEM: Applications and Capabilities of the Atmosphere Gas E-cell System
11:30	The GRAND ARM - configured for ultra high resolution imaging or analytical applications for high sensitivity and in situ analysis according to the user's needs
12:00	Lunch break
13:00	Hands on Demo at ScopeM (Aduro)
15:15	Short coffee break (HPI F 16)
15:30	Hands on Demo ScopeM (Aduro)
17:00	End first day
18:00	Dinner



Rotavirus in water
Image courtesy VaTech
Microscopy and Microanalysis (2014)

Thursday, 23rd April 2015 – HCI G3

09:00	Start of second day
09:00	Imaging in Solution: Imaging Wet Specimens in situ Using Electron Microscopy
09:45	Advances in analytical electron microscopy
10:15	Hands on Demo ScopeM (Poseidon)
12:30	Lunch break
13:30	Hands on Demo ScopeM (Poseidon)
15:00	Concluding remarks
15:30	End of workshop



Venue

ETH Hönggerberg – Zürich
Vladimir-Prelog-Weg 10
HCI G7/ HCI G3
CH-8093 Zurich



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**Extended Deadline for
Registration: Wednesday,
April 15, 2015**