

Deeper Insights, Better Batteries 2026

LOCATION: SSBLT Lecture Hall, A-Wing, PAML Building, CSIR-National Chemical Laboratory (NCL), Pune

DATE: 9-10TH September 2026 (Wed-Thurs)

Day 1 (9th September 2026)

Time	Agenda Item
9:30 - 10:00	Registration
10:00 - 10:10	Inauguration
10:10 - 10:30	Welcome Address <i>Mr. Noel Correia, Sales & Service Director, Bruker India Scientific Pvt Ltd.</i> <i>Dr. Rajesh G. Gonnade, Chief Scientist, NCL Pune</i>
10:30 - 11:15	Talk tbc. <i>Prof. Satishchandra B. Ogale, Adjunct Prof., IISER Pune & Director, RISE</i>
11:15 - 11:30	Coffee / Tea Break
11:30 - 12:15	Talk tbc. <i>Mr. Michele Gironda, Business Development Director, Bruker Nano GmbH</i>
12:15 - 1:00	"How XRD solution can accelerate battery innovation and provide deeper insight into battery material and performance" <i>Dr. Abhik Bannerjee, Scientist, TCG CREST</i>
1:00 - 2:00	Lunch
2:00 - 2:45	XRD for Advanced Battery Materials: From Phase Analysis to Operando Studies <i>Dr. Ravikumar Iyyamperumal, Application Manager, Bruker India Scientific Pvt. Ltd.</i>
2:45 - 3:30	3D X-Ray Microscopy for Battery Research <i>Dr. Arun Torris, Technical Officer, CSIR-NCL Pune</i>
3:30 - 4:00	Coffee / Tea Break

Time	Agenda Item
4:00 - 4:45	Talk tbc. <i>Dr. Varun Natu, Scientist, CSIR-NCL Pune</i>
4:45 - 5:30	Elemental Characterization of Battery Materials Using XRF <i>Dr. Amal Cherian, Application Scientist, Bruker India Scientific Pvt. Ltd.</i>

Day 2 (10th September 2026)

Time	Agenda Item
9:30 - 10:15	Microstructure engineering in cathode active materials: XRD analysis best practice <i>Dr. Hugues Guerault, Head of Application, Bruker AXS SE</i>
10:15 - 11:00	Talk tbc. <i>Dr. Anshuman Roy, Vice President – R&D, Bajaj Auto Limited, Pune</i>
11:00 - 11:15	Coffee / Tea break
11:15 - 12:00	Talk tbc. <i>Dr. Roald Tagle, Global Applications Manager, Bruker Nano GmbH.</i>
12:00 - 12:45	Advanced Battery Materials for Enhanced Electrochemical Performance and Safety <i>Dr. Ramchandra Sukhadeo Kalubarme, Scientist, CMET Pune</i>
1:00 - 2:00	Lunch
2:00 - 2:45	Investigations in metal nucleation dynamics for stable metal-anode batteries <i>Dr. Manjusha Shelke, Chief Scientist, CSIR- NCL Pune</i>
2:45 - 3:30	Talk tbc. <i>Dr. Sagar Mitra, Professor, IIT Bombay</i>
3:30 - 4:00	Coffee / Tea Break & Move to Lab
4:00 - 5:30	XRD Demo and Software training
5:30 - 5:45	Workshop Conclusion