2nd Indian Near Surface Geophysics Conference & Exhibition
(International Conference & Exhibition)

AF Academy AFA | EAGE EUROPEAN ASSOCIATION OF GEOSCIENTISTS & ENGINEERS

Program Schedule

Preconference workshop to 2nd Indian Near Surface Geophysics Conference & Exhibition on Resistivity and Induced Polarization workshop

November 6, 2023, The Suryaa, MMA Rd, New Friends Colony, New Delhi- 110025
Hall Name: Crystal Room

Timing	Session
0830 to 0900 hrs	**Registration**
0900 to 0930 hrs	**Inaugural Function** Chief Guest: Dr P C Chandra, Ex. Regional Director, CGWB & Ex- Consultant, The World Bank
0930 to 1115 hrs	**Session-1** • Introduction to Res2DInv and Res3DInv • Basic theory of IP and resistivity surveys • Basic overview of inversion theory
1115 to 1145 hrs	**Tea Break**
1145 to 1300 hrs	**Session-2** • Working with .dat files and related conversions • Processing 2D time-domain data. • Handling different arrays • Adding georeferencing and topographic information
1300 to 1400 hrs	**Lunch Break**
1400 to 1515 hrs	**Session-3** • Introduction to Res2DInv • Plotting model and data pseudo sections • Performing data processing and interactive quality control • Inversion - settings and options
1515 to 1545 hrs	**Tea Break**
1545 to 1700 hrs	**Session-4** • Hands on exercises • Res3Dinv demo
1700 to 1800 hrs	**Interactive session, certificate distribution and conclusions**

Facilitators

Mr. Toke Søltoft

Geophysicist and director for AGS at Seequent

Toke has a MSc in geophysics from the Hydro Geophysics Group, Aarhus University (Denmark). He has Worked at CSIRO, Perth (Australia) with airborne EM data, Engineers without borders as project manager on groundwater projects (Ghana), Avannaa in seismic field projects (Greenland), SkyTEM Surveys (Denmark) as field manager, and the HydroGeophysics Group from Geoscience, Aarhus University as geophysicist working with hardware development. In 2015, Director of Aarhus GeoSoftware (Denmark), a software company developing software for processing, inversion and visualization of electromagnetic and electrical imaging data. In 2021, Aarhus GeoSoftware joined Seequent where Toke is director today.

Dr. Kenni Dinesen Petersen

Geologist and software developer for AGS at Seequent

Kenni has an academic background in geodynamics where he developed numerical methods for modeling thermomechanical and thermodynamic processes in the Earth's mantle. He finished his PhD at Aarhus University in 2010 and carried out postdoctoral at Lamont-Doherty Earth Observatory of Columbia University. He joined AGS in 2019 and works on development and support of Res2DInv, Res3DInv and other AGS products. He is interested in developing and implementing efficient algorithms and enjoys helping out our customers processing and inverting their often complex and vast ERT/IP data sets.

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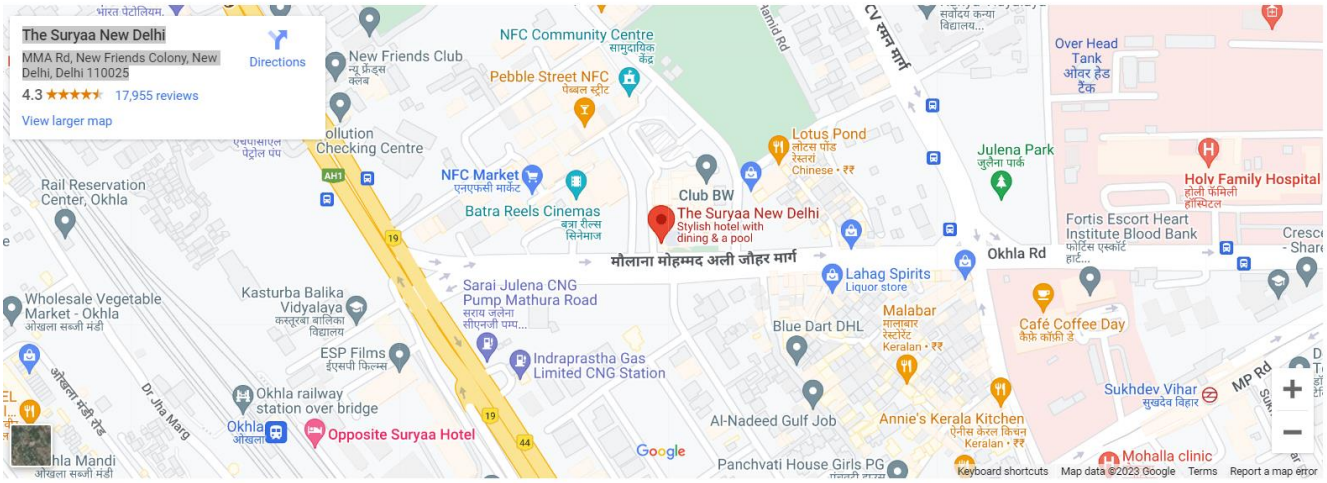
Venue Map

The Suryaa, MMA Rd, New Friends Colony, New Delhi, 110025



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