

**International Workshop on
Advances in Electrical and Electronics Engineering**

Organised by Department of Electrical & Electronics Engineering, Amrita School of Engineering, Coimbatore

TENTATIVE PROGRAMME SCHEDULE

Day 1: 07/12/09	Electrical Machines & Power Systems
9.00 AM – 9.30 AM	Registration
9.30 AM – 10.00 AM	Inauguration
10.00 AM – 10.30 AM	Tea
10.30 AM – 11.30 AM	Recent Developments in Electric drives <i>Prof. Chandur Sadarangani</i>
11.30 AM – 12.30 PM	Evolution of power transmission system <i>Prof. T.N.P. Nambiar</i>
12.30 PM – 1.30 PM	Lunch
1.30 PM – 3.00 PM	Power transmission and distribution system development and research in a Swedish perspective <i>Prof. Em. Roland Eriksson</i>
3.00 PM – 3.30 PM	Tea
3.30 PM – 4.30 PM	Distributed generation I <i>Prof. T.N.P. Nambiar</i>
Day 2: 08/12/09	Electrical Machines & Power Systems
9.30 AM – 10.30 AM	Hybrid electrical drives <i>Prof. Chandur Sadarangani</i>
10.30 – 11.00 AM	Tea
11.00 AM – 12.30 PM	Power transmission system design fundamentals <i>Prof. Em. Roland Eriksson</i>
12.30 PM – 1.30 PM	Lunch
1.30 PM – 3.00 PM	Distributed generation II <i>Prof. T.N.P. Nambiar</i>
3.00 PM – 3.30 PM	Tea
3.30 PM – 4.30 PM	Power converters for grid interfacing <i>Prof A T Devarajan</i>
Day 3: 09/12/09	Electrical Machines & Power Systems
9.30 AM – 10.30 AM	Permanent magnet drives <i>Prof. Chandur Sadarangani</i>
10.30 – 11.00 AM	Tea
11.00 AM – 12.30 PM	Distributed generation III <i>Prof. T.N.P. Nambiar</i>
12.30 PM – 1.30 PM	Lunch
1.30 PM – 3.00 PM	Transmission and distribution systems maintenance with focus on apparatus and insulation diagnostics <i>Prof. Em. Roland Eriksson</i>
3.00 PM – 3.30 PM	Tea
3.30 PM – 4.30 PM	Fundamental concepts of lightning and human safety <i>Prof Chandima Gomes</i>

Day 4: 10/12/09	Lightning Protection & Electromagnetic Compatibility
9.30 AM – 10.30 AM	Fundamentals of Electromagnetic compatibility <i>Prof. Rajeev Thottappillil</i>
10.30 – 11.00 AM	Tea
11. 00 AM – 12.30 PM	Protection of low voltage power systems against lightning <i>Prof Chandima Gomes</i>
12. 30 PM – 1. 30 PM	Lunch
1.30 PM – 3.00 PM	Lightning interaction with tall towers <i>Dr. Gerhard Diendorfer</i>
3.00 PM – 3.30 PM	Tea
3.30 PM – 4.30 PM	The threat of intentional electromagnetic interference <i>Prof. Rajeev Thottappillil</i>

Day 5: 11/12/09	Lightning Protection & Electromagnetic Compatibility
9.30 AM – 10.30 AM	Electromagnetic interference in electrified railways <i>Prof. Rajeev Thottappillil</i>
10.30 – 11.00 AM	Tea
11. 00 AM – 12.30 PM	Lightning location systems and application <i>Dr. Gerhard Diendorfer</i>
12. 30 PM – 1. 30 PM	Lunch
1.30 PM – 2.30 PM	Review on alternative air-termination systems <i>Prof Chandima Gomes</i>
2.30 PM – 3.30 PM	Lightning protection according to IEC 62305 <i>Dr. Gerhard Diendorfer</i>
3.30 PM – 4.00 PM	Tea
4.00 PM – 5.00 PM	Valedictory session