***Nano photonics workshop-2016***

***18/03/2016***

9.30 to 10.30 **Inauguration**

10.30 to 10.45 Tea Break

11.00 to 12.00

**Hybrid Perovskite Materials: Application in Solar Cells and Beyond**

Dr. Vijayakumar C. Nair

*Photosciences and Photonics Section, CSIR-National Institute for Interdisciplinary Science and Technology (NIIST)*

12,00 to 1.00

**2 Dimensional Field Effect Transistors**

*Dr. K.J. Saji*

*International School of Photonics, CUSAT*

1.00 – 1.45 Lunch

2.00 to 3.00

**2-D materialsbeyond graphene for future applications**

*Dr. P.M. Aneesh*

*Department of Physics, Central University of Kerala*

3.00 to 4.30

**Poster presentation** F1-F14

TEA

**19/03/2016**

9.30 to 10.30

**Quantum transport in one-dimensional nanostructures**

*Dr. K. J. Thomas*

*Department of Physics, Central University of Kerala*

**10.30  to 10.45 Tea**

10.45 to 11.45

**Nano polyaniline/graphene hybrids for Optical Applications**

*Dr. Honey John*

*Department of Polymer Science and Rubber Technology, Cochin University of Science and Technology*

11.45 to 12.45

**Lithium-ion batteries: Basics and applications**

*Dr. Bibin John*

*Vikram Sarabhai Space Centre, Thiruvananthapuram,*

12.45 – 1.45 Lunch

1.45 to 2.45 **Effect of Silver Plasmonic Layer on Cu2O/In2S3 Solar Cell**

*Dr. R. Jayakrishnan*

*Department of Physics, Christian College, Chengannur*

2.45 to 4.15 **Poster Presentation** S1-S14

4.15 to 4.30 CONCLUDING SESSION