



## Session I: Technology & Applications

### Squaraine Dyes: A Class of Organic Dyes that Bridge the Gap between Biology and Materials

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Dr. Ayyappanpillai Ajayaghosh is Scientist-H (Director Level) at Chemical Sciences and Technology Division in National Institute for Interdisciplinary Science and Technology (NIIST), Trivandrum and Dean, Chemical Science, AcSIR, CSIR, New Delhi.

He completed his B.Sc. from Kerala University and his M.Sc. and Ph.D. from Calicut University. He was awarded the prestigious Alexander von Humboldt Fellowship for his post-doctoral work Radiation Chemistry at Muelheim, Germany. He joined RRL, Trivandrum in 1988 and quickly established himself as a promising young scientist. He has won several awards, notable amongst which are the INSA Young Scientist Medal in 1991, the Swarnajayanti Research Grant in 2001 and the coveted Shanti Swarup Bhatnagar Prize in 2007.



He has published over 97 research papers in peer-reviewed journals and has 5 patents to his credit. His interests include functional organic materials, functional dyes, molecular self-assembly and molecular probes.