



**Anna University, Chennai :: Computer Society of India, Chennai & Div II
IEEE Computer Society, Madras :: IEEE Prof. Communication Society, Madras
ACM India, Chennai Chapter :: SPIN, Chennai :: NASSCOM Sector Skills**

Cordially invite you for a special open session on

Saluting the Pioneers

Alan M Turing: Alan Mathison Turing was highly influential in the development of computer science, giving a formalisation of the concepts of "algorithm" and "computation" with the Turing machine, which can be considered a model of a general-purpose computer. Turing is widely considered to be the father of theoretical computer science and artificial intelligence.

John von Neumann: John von Neumann was a Hungarian-American pure and applied mathematician, physicist, and polymath. He made major contributions to a number of fields, including mathematics (foundations of mathematics, functional analysis, ergodic theory, geometry, topology, and numerical analysis), physics (quantum mechanics, hydrodynamics, and fluid dynamics), economics (game theory), computing (Von Neumann architecture, linear programming, self-replicating machines, stochastic computing), and statistics. He was a principal member of the Manhattan Project and the Institute for Advanced Study in Princeton (as one of the few originally appointed), and a key figure in the development of game theory and the concepts of cellular automata, the universal constructor, and the digital computer.

Norbert Wiener: Norbert Wiener was an American mathematician and philosopher. He was Professor of Mathematics at MIT. A famous child prodigy, Wiener later became an early researcher in stochastic and noise processes, contributing work relevant to electronic engineering, electronic communication, and control systems. Wiener is considered the originator of cybernetics, a formalization of the notion of feedback, with implications for engineering, systems control, computer science, biology, philosophy, and the organization of society.

and a presentation on

“Questions Turing Left Behind”

by

Prof. Barry S Cooper

School of Mathematics, University of Leeds, UK

<http://www1.maths.leeds.ac.uk/~pmt6sbc/>

on Saturday, 12th Apr 2014 at 5.30 p.m.

at Vivekananda Auditorium, College of Engineering, Anna University, Chennai - 600025



About the speaker: Prof. Barry S Cooper is presently with the School of Mathematics, University of Leeds, UK. He is the Turing Centenary Advisory Committee Chairman and Project Leader for the "The Turing Centenary Research Project - Mind, Mechanism and Mathematics". Prof. Barry Cooper is the author and editor of numerous books, including *Computability Theory*, *New Computational Paradigms*, *Computability in Context*, and *Alan Turing - His Work and Impact*. He is a leading advocate of multidisciplinary research at the interface between in-computability and real world computability. His research interest include: Mathematical logic and applications to science and the humanities; In-computability in Nature; Clockwork or Turing U/universe; Computability and emergence; Definability as hyper-computational effect; and Alan Turing and Enigmatic Statistics

Pl. join us at the dinner after the session at 8.00 p.m.

To facilitate dinner logistics, pl. pre-register at <http://goo.gl/GTzKg> Confirmation will be sent by 10th Apr 2014.

CSI at 50 - Celebrating Golden Jubilee

