

| RMIT 2018 | |
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| 30 th October, 2018 | |
| 09:30 - 10:00 am | Inauguration – Prof. S. Sadagopan (IIIT Bangalore) |
| 10:00 - 10:45 am | Prof. V. Arvind (IMSc, Chennai) Title: Noncommutative arithmetic circuits: lower bounds and polynomial identity testing. |
| 10:45 - 11:00 am | Tea |
| 11:00 - 11:45 am | Prof. D. Surya Ramana, (HRI, Allahabad) Title: Quotient and Product Sets of Subsets of the Positive Integers |
| 11:45 - 12:30 pm | Prof. Anand Louis, (IISc, Bangalore) Title: A survey of Probabilistically Checkable Proofs. |
| 12:30 - 2:00 pm | Lunch |
| 02:00 - 02:45 pm | Prof. R. Ramanujam, (IMSc, Chennai) Title: Logical dynamics in large games. |
| 02:45 - 3:00 pm | Tea |
| 03:00 - 3:45 pm | Prof. R. Balasubramanian (IMSc, Chennai) Title: Selbergs approximation to the twin prime problem. |
| 03:45 - 4:30 pm | Dr. Karthik Ramachandra (Microsoft Research Lab) Title: Algebraic representation for imperative programs |
| 31 st October, 2018 | |
| 09:30 - 10:15 am | Mr. K. Subramani (IIIT Bangalore) Title: Some Interesting Properties of Fibonacci Numbers, Palindromes and Reciprocals of Primes. |
| 10:15 - 11:00 am | Prof. Vijay Patankar, (JNU, Delhi) Title: Abelian Surfaces with Quaternionic Multiplication. |
| 11:00 - 11:15 am | Tea |
| 11:15 - 12:00 pm | Dr. Anusha Mujumdar, (Ericsson Research, Bangalore) Title: Autonomous Behavior in Cyberphysical Systems. |
| 12:00 - 12:45 pm | Prof. C. S. Rajan Title: On a converse to the Diophantus-Brahmagupta identity and unique factorization. |
| 12:45 - 02:15 pm | Lunch |
| 02:15 - 03:00 pm | Prof. Pandu Rangan, (IIT, Madras) Title: Mathematics for IT. |
| 03:00 - 03:45 pm | Prof. Ashish Choudhary (IIIT Bangalore) Title: Two Turing-Award Winning Ideas in Cryptographic-Protocol Theory. |
| 03:45 - 04:00pm | Tea |
| 04:00 - 04:45 pm | Prof. C. S. Rajan, (TIFR, Mumbai) Title: Work of Field Medalists 2018 |