BIOGRAPHICAL SKETCH

Y. Chandramouli

Visiting Professor of Computer Science   Email: mchandra@cmi.ac.in

Chennai Mathematical Institute   Web: http://www.cmi.ac.in

(a) Date of Birth

May 28, 1962

(b) Education & Training

University of Arizona	Tucson AZ	Ph. D.	1991
University of Arizona	Tucson AZ	M. S.	1988

(c) Research & Professional Experience

2023 – present	Visiting Professor, Chennai Mathematical Institute, Chennai
2002 – 2023	Technical Architect, Cisco Systems, Bengaluru
1996 – 2001	Research Scientist, Bell Communications Research, Redbank, NJ
1991 – 1996	Member of Technical Staff, AT&T Bell Laboratories, Holmdel, NJ

(d) Technology Leadership

Architectural leadership in the area of networking technologies, and internet standardization efforts.

- Distributed Network Analytics
- Network Management, Web QoS
- Traffic Measurements
- Network Security
- Energy efficiency of networks
- Router load balancing algorithms

(e) Selected Publications

1. Mouli Chandramouli Alexander Clemm and S. Krishnamurthy, An sdn framework for distributed network analytics, IEEE/IFIP IM (2015).
2. Alexander Clemm Mouli Chandramouli, Model-driven analytics in sdn networks, IEEE/IFIP IM (2017).
3. Y. Chandramouli A. Neidhardt, Application level traffic measurements for capacity engineering, ACM SIGMETRICS (2002).
4. Y. Chandramouli Marcel Neuts, Statistical group testing with queueing involved, Queueing Systems (1989).
5. V. Ramaswami Y. Chandramouli, Marcel Neuts, A queueing model for meteor burst packet communication systems, IEEE Transactions on Communication (1989).

Author of 9 US Patents issued Author of 5 Internet RFC Standards

(f) Synergistic Activities

1. Visiting Professor, Robert Bosch center, Indian Institute of Science, Bangalore
2. Referee for ACM Transactions on Networking, IEEE NOMS, IEEE NetSoft, IEEE IM, IEEE COMSNETs, IEEE ANTs.