Wireless random-access networks and spectra of random graphs

Sfragara, M.

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Curriculum Vitae

Matteo Sfragara was born on February 20th 1991 in Pescara, Italy. He grew up in Verona, where he attended the Scientific High School Galileo Galilei and obtained the final diploma in 2010.

He then moved to Padova to study at the University of Padova. There he obtained a Bachelor of Science in Mathematics in 2013 and a Master of Science in Mathematics in 2015. During the first year of his master studies he joined the Erasmus Program and lived in Stockholm (Sweden), where he attended various courses both at Stockholm University and at KTH Royal Institute of Technology. During the last semester of his master studies he lived in Sydney (Australia), where he joined the Practicum Program at the University of New South Wales. There he wrote his master thesis entitled "The switch Markov chain for sampling irregular directed graphs", under the supervision of prof. dr. Catherine Greenhill. This research experience motivated him to pursue a PhD in Mathematics.

In September 2016 he moved to Leiden to start his PhD as a member of the probability group at the Mathematical Institute of Leiden University. His research was part of the Gravitation Program NETWORKS funded by the Dutch Ministry of Education, Culture and Science. He worked under the supervision of prof. dr. W.T.F. den Hollander (Leiden University), prof. dr. S.C. Borst (Eindhoven University of Technology) and dr. F.R. Nardi (University of Florence). As part of his PhD, he did an internship at the Indian Statistical Institute in Kolkata (India), where he collaborated with dr. R.S. Hazra and dr. A. Chakrabarty. He visited India three times.

During his PhD, he cultivated his passion for Mathematics in different ways. He supervised two pairs of high-school students attending Leiden University's Pre-University College. The first pair was awarded the Jan Kijne-onderzoeksprijs for best research. He also supervised a bachelor thesis project at the Mathematical Institute. He served as teaching assistant for various courses in Leiden and The Hague. He attended workshops, conferences and summer schools, and presented his research on several occasions in France, India, Italy, the Netherlands and Sweden.