Dr. Muhammad Imran

Dr. Muhammad Imran is a Senior Scientist and Lead of the Crisis Computing team at Qatar Computing Research Institute (QCRI). His interdisciplinary research focuses on natural language processing, social computing, and applied machine learning. He analyzes large amounts of social sensing data during time-critical situations using big data analysis techniques such as data mining, machine learning, and deep neural networks. He develops novel computational models, techniques, and technologies useful for stakeholders to gain situational awareness and actionable information during sudden-onset disasters. Dr. Imran regularly collaborates with United Nations agencies and NGOs, helping them to use non-traditional data sources to address their operational needs. Dr. Imran received his PhD in computer science from the University of Trento in 2013 and then joined QCRI as a post-doctoral researcher. Dr. Imran has published over 100 peer-reviewed research papers in top-tier international conferences and journals. Four of his papers received the Best Paper Award and two Best Paper Runner-ups. Dr. Imran is an Associate Editor in Frontiers in Big Data Mining and Management.