L3S Research Center is organizing the 8th International ACM Web Science Conference 2016 in Hannover. The conference brings together researchers from multiple disciplines, like computer science, sociology, economics, information science, or psychology. Web Science is the emergent study of the people and technologies, applications, processes and practices that shape and are shaped by the World Wide Web. Web Science aims to draw together theories, methods and findings from across academic disciplines, and to collaborate with industry, business, government and civil society, to develop our knowledge and understanding of the Web: the largest socio-technical infrastructure in human history. The conference is the 8th in a series organized by the Web Science Trust, following events in Athens, Raleigh, Koblenz, Evanston, Paris, Indiana, and Oxford.