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Sommario/riassunto	<p>Computing and statistics underpin the rapid emergence of data science as a pivotal academic discipline. The Association for Computing Machinery (ACM) and the Institute of Mathematical Statistics (IMS), the two key academic organizations in these areas, have come together to launch a conference series on the Foundations of Data Science. Our inaugural event, the ACMIMS Interdisciplinary Summit on the Foundations of Data Science, took place in San Francisco in 2019. FODS-2020 represents the first of what will be an annual conference series with refereed conference proceedings. This interdisciplinary event brings together researchers and practitioners to address foundational data science challenges in prediction, inference, fairness, ethics and the future of data science. We received 58 submissions and the program committee reviewed each paper thoroughly. We accepted 17 papers for plenary presentation and inclusion in the proceedings. The program also included keynote addresses by Professor Mihaela van der Schaar and Professor Oren Etzioni and half-day tutorials by Professor Michael Kearns and Professor David Blei.</p>