Jian Pei is currently a Canada Research Chair (Tier 1) in Big Data Science and a Professor in the School of Computing Science at Simon Fraser University, Canada. He is also an associate member of the Department of Statistics and Actuarial Science. He is a well known leading researcher in the general areas of data science, big data, data mining, and database systems. His expertise is on developing effective and efficient data analysis techniques for novel data intensive applications. He is recognized as a Fellow of the Association of Computing Machinery (ACM) for his "contributions to the foundation, methodology and applications of data mining" and as a Fellow of the Institute of Electrical and Electronics Engineers (IEEE) for his "contributions to data mining and knowledge discovery". At the same time, he is also renowned for his leadership in professional communities.

Jian Pei is one of the most cited authors in data mining, database systems, and information retrieval. Since 2000, he has published one textbook, two monographs and over 200 research papers in refereed journals and conferences, which have been cited by almost 60,000 times in literature, and by more than 30,000 since 2011. His H-index is 68. His research has generated remarkable impact substantially beyond academia. For example, his algorithms have been adopted by industry in production and popular open source software suites, such as SPARK MLlib and WEKA, and have been covered by popular data mining textbooks.

Jian Pei's professional leadership is demonstrated by his leader roles in many academic organizations and activities. He is the editor-in-chief of the IEEE Transactions of Knowledge and Data Engineering (TKDE), a director of the ACM Special Interest Group on Knowledge Discovery in Data (SIGKDD, the largest professional organization in data science in the world), and a general co-chair and program committee co-chair of many premier conferences.

He maintains a wide spectrum of collaborative R&D relations with both global and local industry partners. He founded the Pacific Blue Cross Health Informatics Laboratory, a fully industry sponsored research lab, and is an active consultant for healthcare informatics, network security intelligence, and computational finance. His industry partners include Microsoft, IBM, SAP, Huawei, HP, Yahoo!, Canadian Imperial Bank of Commerce, Fortiniet, Simba Technology, etc. In 2009- 2011, he served as the Associate Director, Research and Industry Relation, of the School of Computing Science, Simon Fraser University.

He received many prestigious awards, including the 2015 ACM SIGKDD Service Award ("the highest service award in the field of knowledge discovery and data mining (KDD)"), the 2014 IEEE ICDM Research Contributions Award ("the highest recognition for research achievements in Data Mining"), the British Columbia Innovation Council 2005 Young Innovator Award, an NSERC 2008 Discovery Accelerator Supplements Award (100 awards cross the whole country), an IBM

Faculty Award (2006), a KDD Best Application Paper Award (2008), a PAKDD Best Paper Award (2014), a PAKDD Most Influential Paper Award (2009), and an IEEE Outstanding Paper Award (2007).

He also holds several adjunct professorships, and is a Distinguished Visiting Professor of Tsinghua University, a Chao Kuang-Piu Chair Professor of Zhejiang University, and a Distinguished Adjunct Professor of King Abdulaziz University.