SFB 1053 MAKI

Distinguished Lecture Series
Winter 2015/2016
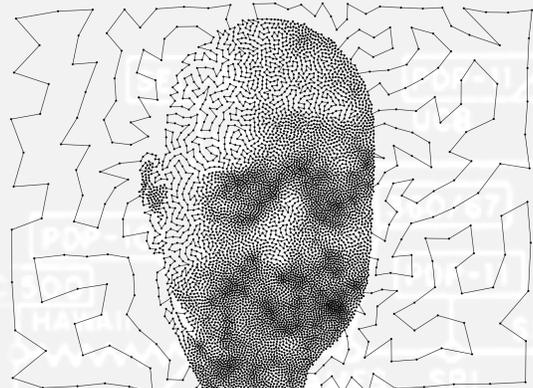
TECHNISCHE
UNIVERSITÄT
DARMSTADT

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Bringing leading researchers to TU Darmstadt to promote the exchange of thoughts and ideas between the speakers, students, faculty and the public on the latest advances in the area of networked communication systems and the future Internet

Pat Helland

Salesforce,
San Francisco, USA

October 22, 2015,
S2-02/C110 16:15h

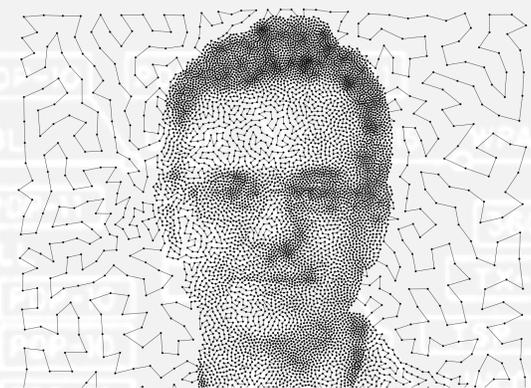### When You Have Too Much Data, Then "Good Enough" Is Good Enough

Pat Helland has 37 years experience implementing databases, transaction systems, application platforms, replication systems, fault tolerance, and distributed systems.

During his career, he was with Tandem, Microsoft, and Amazon.com. He was involved in leading roles in the design of Tandem NonStop, Microsoft Transaction Server, Microsoft SQL Service Broker, the Amazon Product Catalog, and Microsoft Cosmos, the massively parallel computation and storage engine behind Bing. Since early 2012, Pat is with Salesforce.com and works on database management, storage, and data center issues.

Fernando Pedone

University of Lugano
(USI), Switzerland

November 4, 2015
S3-20/111 16:15h

Geo-replicated storage with scalable deferred update replication
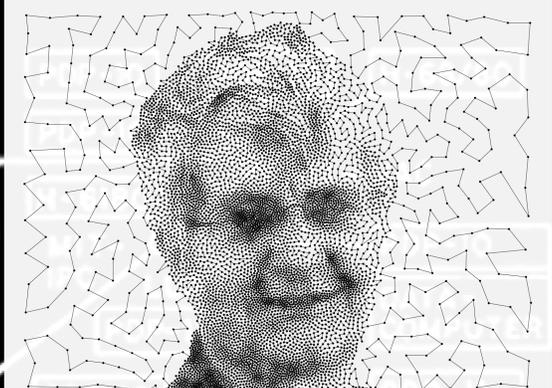
Fernando's research interests include the theory and practice of dependable distributed systems and dependable data management systems.

Fernando is a full professor at the Faculty of Informatics at the University of Lugano (USI), Switzerland, and one of the faculty's "founding members". He received the Ph.D. degree from Ecole Polytechnique Federale de Lausanne (EPFL) in 1999 and has been previously affiliated with Cornell University, USA, as a visiting professor, and Hewlett-Packard Laboratories (HP Labs), USA, as a researcher.

Martina Zitterbart

Karlsruhe Institute
of Technology

January 21, 2016
S2-02/C110 16:15h

Towards Value-oriented Internet-based Services

Martina's primary research interests are in algorithms, protocols and architectures for computer communication systems. This comprises classical Internet-based networks as well as Sensor/Actuator Networks, and the Internet of Things.

Martina is a full professor of computer science a KIT, Germany. She received her doctoral degree from the University of Karlsruhe in 1990. Before, she was a Visiting Scientist at the IBM T.J. Watson Research Center, a Visiting Professor at the University of Magdeburg and the University of Mannheim, and a full professor at the Technical University of Braunschweig.