

**Guinness Records in Big Data management:
The World's Fastest Big Data loader and Guinness Record holder loads close
to one petabyte of data per-day**

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Data is generated today faster than ever before – and that “Big Data” trend will likely continue. Data Warehouses (DW) are a proven method for capturing, storing and analysis of conventional business data such as finance, e-commerce, healthcare systems, telecommunications, manufacturing, security, sensor data, scientific/instrument data etc. However, commercial DWs do not include emails and documents – the lifeblood of modern business.

The seminar will present a recent high-end test that resulted in technical breakthroughs:

1. The World's First commercial Data Warehouse for real-time data loading/indexing of Big Data at speed of 34.3 TB/hour (820 TB/day) - thus approaching 1 PB-per-day loading speed.
2. The World's First Unified Data Warehouse – BMMsoft EDMT Solution is capable of real-time capture, storing, indexing and analysis of unified structured and unstructured data (emails and documents) into a single database at the rate of 34 TB per hour and enables real-time business and Big Data analytics never before possible.

The test was a joint effort of BMMSoft, SAP/Sybase, Hewlett Packard and Red Hat.

The seminar will describe the EDMT platform, the background and history of the speed test, real-world applicability and lessons learnt from it. It will briefly present a previous Guinness Record achieved with the same platform in 2007, when EDMT was certified as the world's first system that loaded 1 PB of structured and unstructured data into an SQL-compliant database (achieved by Sun, Sybase, and BMMSoft, with a support by SOL Software, Belgrade). The seminar will also provide an interesting, most up-to-date overview of this industry field.

O predavaču: Paul Krneta is a recognized expert in database, data warehouse and large-scale technologies. He served as the CTO at BMMSoft, San Francisco, California, CTO for Sybase IQ and Technical Director for Database Technology at DEC (Digital Equipment Corp.) in Palo Alto, California and as the Manager of Alpha Unix Migration Center at DEC in Munich, Germany. Paul Krneta holds the records of the World's first 64-bit Database in 1994 ("Very Large Memory"), First TB/hour On-Line Backup in 1996, World's Largest Data Warehouse in 2002 and 2004, NonStopIQ in 2004, and World's First Petabyte Data Warehouse in 2007.

Elektrotehnički fakultet u Beogradu
Četvrtak, 13.6.2013. u 19.00, sala 61 (ulaz slobodan)