142. Sastanak IEEE u Novom Sadu / 142nd IEEE Meeting in Novi Sad
Obaveštenje / Announcement

Assoc. Prof. Bela Stantic
Griffith University,
School of Information and Communication Technology,
Brisbane, AUSTRALIA

U petak, 12.06.2015, u Svečanoj sali Fakulteta tehničkih nauka u Novom Sadu, sa početkom u 13:00 sat, održati će se Predavanje - Lecture.

**PREDAVANJE - LECTURE**

**CHALLENGES THAT BIG DATA EXPLOSION POSE ON US**

Izazovi koje nagli rast količine podataka stavlja pred nas

**Abstract:** We witness the explosion of data which now comes not only in new forms and formats but also in enormous sizes and extreme velocity. Some examples include structured data from transactions we make, unstructured data as text communications of different kinds, varieties of multimedia files and video streams. Size, variety and velocity of such data pose a challenge for traditional robust relational databases management systems. To ensure efficient processing of this data, often called ‘Big Data’, the use of highly distributed and scalable systems and new data management architectures, e.g. distributed file systems and NoSQL database, has been widely considered. This talk will present a bold vision about the future Big Data management, discuss findings and current trends as well as suggest possible research directions.

**Doktorske studije – Energetika, elektronika i telekomunikacije: Aktuelno stanje u oblasti, Katedra za teorijsku elektrotehniku i**