



ΕΘΝΙΚΟ ΜΕΤΣΟΒΙΟ ΠΟΛΥΤΕΧΝΕΙΟ
ΣΧΟΛΗ ΝΑΥΠΗΓΩΝ ΜΗΧΑΝΟΛΟΓΩΝ ΜΗΧΑΝΙΚΩΝ
Τομέας Ναυτικής Μηχανολογίας

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ΠΡΟΣΚΛΗΣΗ

Ο Τομέας Ναυτικής Μηχανολογίας της Σχολής Ναυπηγών Μηχανολόγων Μηχανικών σας προσκαλεί τη **Τρίτη 23 Ιουνίου 2009** και ώρα **11:30**, στην Αίθουσα Συνεδριάσεων **I1-I2** του κτιρίου Λ (ισόγειο Εργαστηρίου) στη διάλεξη του Αναπλ. Καθηγητή κ. **Pierre-Philippe Beaujean** από το **Florida Atlantic University, Dept. of Ocean Engineering**.

με θέμα:

**“Acoustics and Vibrations Laboratory at the
Center for Acoustics and Vibrations”**

Pierre-Philippe Beaujean

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Dr. Beaujean is an associate Professor at Florida Atlantic University in the Department of Ocean Engineering. He is in charge of the Acoustics and Vibrations Laboratory at the Center of Acoustics and Vibrations. The activities in this laboratory include underwater acoustics, signal processing, sonar design, data analysis, machine health monitoring and vibrations control. Dr. Beaujean has a particular interest in acoustic telemetry and networking, acoustic imagery, sediment acoustics, acoustic detection and classification of subsea objects and machine reliability.

During his visit, Dr. Beaujean will present his university, research center and some of his active research work :

- High-Speed Acoustic Modem (Hermes) for ports and very shallow waters operations.
- Underwater unexploded ordnance detection.
- AUV acoustic networking and mission planning.
- Air and rapidly deployable Gateway buoy technology.
- Machine-condition monitoring of a 20kW ocean turbine.

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