

Éditorial

This special issue was motivated by the XVII symposium on vibrations, shock and noise, which was held at École Centrale Lyon in June 2010. Like the journal of *Mechanics & Industry*, this symposium becomes more and more international: more than 20 conferences were presented by international speakers. All of the 70 presentations have been carried out with slides in English. More than half of them were performed by authors from the industry.

This special issue contains nine articles that have been selected and reviewed by the editorial board of the journal. They focus on rotordynamics and bearings, dynamics of drilling, dynamics of crowd, identification of cables, adaptative control, and nonlinear dynamics of resonant sensor.

My most sincere appreciation goes to all the authors and reviewers who met the deadlines timely, with quality.

J.-L. Dion
Guest Editor