

L'Université de Tizi ousou organise un Webinaire animé par **M. Kamal Youcef-Toumi**, Professeur au Mechanical Engineering Department, Massachusetts Institute of Technology, Cambridge, MA, USA, le Lundi 29 Juin 2020 à 15h (10h heure de Boston). Le Webinaire sera Modéré par **Mme. Amirouche Fatiha**, Cheffe du département Informatique, Université Mouloud Mammeri de Tizi ousou. Les détails de ce séminaire sont comme suit :

Title : Captains of Innovation.

Abstract:

- Nations compete on the basis of innovation. A simple reason is that innovation drives long-run economic growth. We will then review innovation along with key indicators of a nation's competitiveness. And among such factors is its ability to innovate and its command in the business sophistication. This is the highest level that a nation can reach after the efficiency enhancers and basic factors levels.
- Fostering innovation is a crucial task. We will discuss factors that foster creativity and innovation at the individual, group and organization levels. A general view of the ecosystem at and around MIT, and in the US will also be presented.
- The scale of impact of creativity and innovation can indeed be extraordinary. Few examples, from the present and the past, of individuals, teams, companies and nations will be used to emphasize the importance of such factors. After this presentation, I hope you'll keep the innovation engine running.

Short biography: Kamal Youcef-Toumi is a Professor of Mechanical Engineering at MIT. He is Co-Director of the Center for Complex Systems at King Abdulaziz City for Science and Technology (KACST) Saudi Arabia and MIT, Director of the Ibn Khaldun Fellowship Program for Saudi Women, and Director of the MIT Mechatronics Research Laboratory. His M.S. and Sc.D. degrees are from MIT. Youcef-Toumi's research has focused primarily on modeling, design, control theory, and their applications to dynamic systems. In particular, he explores the development of control techniques with fast adaptation. Applications have included robotics, automation, metrology, and nanoscale video imaging. He made significant contributions to MIT's international research and education collaborations, including Qatar, Saudi Arabia, Russia and Singapore. Youcef-Toumi is the recipient of the National Science Foundation Presidential Young Investigator award from President Ronald Reagan. He served on many professional committees and as a consultant for several multinationals. He is an IEEE Senior member and an ASME Fellow. He served as Editor of several symposia/conference proceedings. He authored over 340 publications and holds about 50 registered/pending patents. Professor Youcef-Toumi has been an invited lecturer at over 200 seminars at companies, research centers and universities throughout the world.



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Attention les places sont limitées, il faut donc penser à s'inscrire le plus tôt possible.