



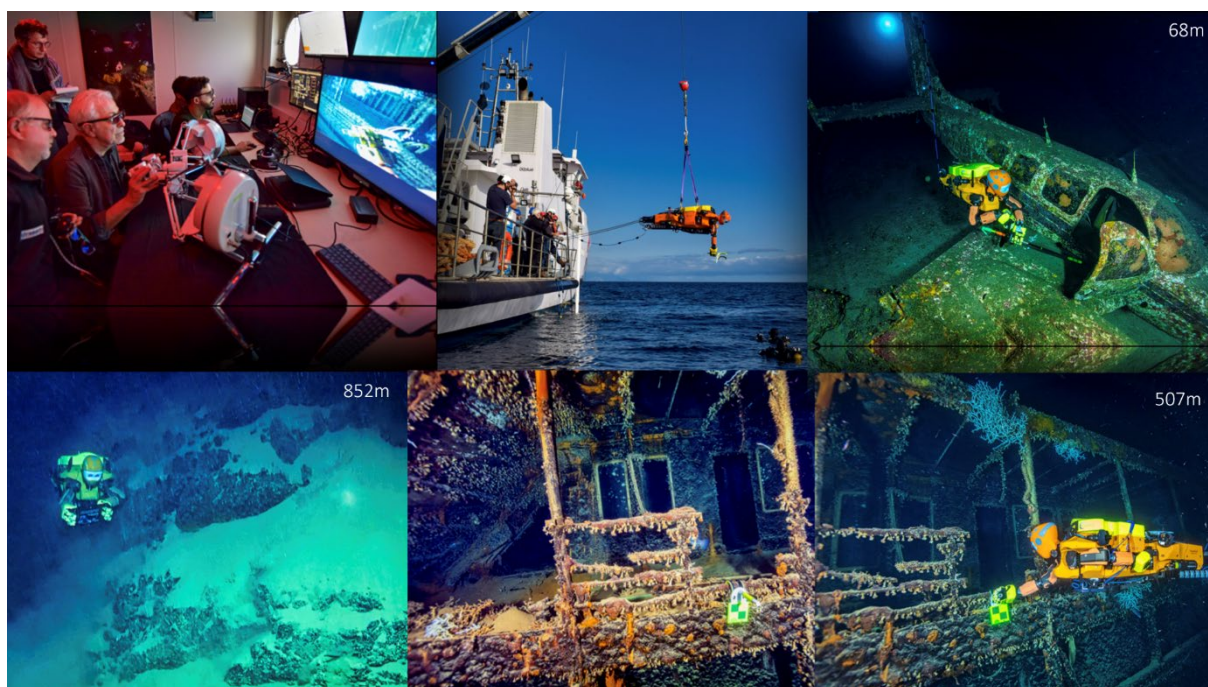
SEMINAR ANNOUNCEMENT

WHO: **PROF. OUSSAMA KHATIB**
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Director of Stanford Robotics Lab
Stanford University
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WHAT: **From Romeo & Juliet to OceanOne^K Deep-Sea Robotic Exploration**
WHEN: **Friday, 18 November 2022, 12:30–13:30**
WHERE: Via Claudio, Bldg. 1, Room II.3 — <http://shorturl.at/gj149>

Abstract — OceanOne^K is a robotic diver with a high degree of autonomy for physical interaction with the environment while connected to a human expert through an intuitive interface. The robot was recently deployed in several archeological expeditions in the Mediterranean with the ability to reach 1000 meters. Distancing humans physically from dangerous and unreachable spaces while connecting their skills, intuition, and experience to the task.



Biosketch — **OUSSAMA KHATIB** received his PhD from Sup'Aero, Toulouse, France, in 1980. He is Professor of Computer Science and Director of the Robotics Laboratory at Stanford University. His research focuses on methodologies and technologies in human-centered robotics, haptic interactions, artificial intelligence, human motion synthesis and animation. He is President of the International Foundation of Robotics Research and a Fellow of the Institute of Electrical and Electronic Engineers (IEEE). He is Editor of the Springer Tracts in Advanced Robotics series, and the Springer Handbook of Robotics which received the AAP Award for Excellence in Physical Sciences and Mathematics. He is recipient of the IEEE Technical Field Award, the IEEE Robotics and Automation Pioneering Award, the IEEE/RAS George Saridis Leadership Award, the Distinguished Service Award, the Japan Robot Association Award, the Rudolf Kalman Award and the Engelberger Award. Professor Khatib is a member of the National Academy of Engineering.