
Vincent Hugel

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UNIVERSITY OF TOULON - UTLN - FRANCE

- Head of COSMER Lab (Mechanics and Robotics System Design) - <http://cosmer.univ-tln.fr/>
head of RMMAT team : Marine, Amphibious and Terrestrial Mobile Robotics.
- Teaching Static and kinematics of rigid bodies at Institute of Technology (Mechanics), mobile robotics at Seatech Eng. School, Dynamic modeling of mechanical systems at the faculty of Science and Technology (Master of Eng. of Complex Systems - option Robotics and IoT).

EDUCATION

Authorization to supervise Research	2007
<i>From locomotion to autonomy of legged robots</i>	<i>University of Versailles, France</i>
PhD in Robotics	1999
<i>Contribution to the control of hexapod and quadruped robots</i>	<i>University of Paris 6, France</i>
Engineer in Robotics and Industrial Automation, INSTN, CEA Saclay	1995
Civil Engineer of French School <i>École des Mines de Nancy</i>	1994

WORK EXPERIENCE

Associate Professor	2000-2014
<i>Institute of Technology, Dpt of Electrical/Computer Engineering</i>	<i>University of Versailles, France</i>
Post-Doc	1999-2000
<i>Cooperation with SONY company</i>	<i>University of Versailles, France</i>
Military service as a scientist	1995-1996
<i>DGA - French Defense Procurement Agency</i>	<i>Issy-Les-Moulineaux, France</i>

MAIN RESEARCH ACTIVITIES - H-INDEX: 18

Research areas	Robotics kinematic & dynamic modeling, mecatronic design, marine robotics, humanoid robotics, embedded systems, autonomy of behaviors, collective behaviors.
Advised PhD	• 8 defended, 4 ongoing.
Research committees	• member of 16 national & 3 internat. PhD committees, reviewer of 1 Research Authorization committee.
Major responsibilities	• Member of organizing committee of RoboCup 2021 • Manager of Robotics and Iot Master option. • Cofounder of EMJMD MIR (Marine and Maritime Intelligent Rob.). • UTLN scientific leader of DGA-Rapid project (2016-2020) - Dynamics simulation of AUV/ROV submarine robots. • Versailles Univ. scientific leader of ROMEO-2 project (2012-2014) - Design of adult-size humanoid robot. • Scientific co-leading of ROMEO-1 project (2009-2012) • Program Co-chair of RO-MAN 2012 conference. • Member of Program Committee of ECMR conference.
Participation in Robotics contests	• Standard Platform league (AIBO quadruped robots) (1998-2005) • Standard Platform league (NAO humanoid robots) (2009-2012) • 3D-Soccer Simulation league (2012-2014)

