

Dr Kris KIDD



Chartered Electrical Engineer with over 12 years' experience in the Oil & Gas Industry. Previously working in Operations. Now Head of Robotics R&D across all applicable business units: Exploration & Production, Refining & Chemicals, Marketing & Servicing plus Renewables.

Extensive knowledge of the design and certification requirements of equipment for use in potentially explosive atmospheres (ATEX/IECEx).

Manager of an international robotics competition called the ARGOS (Autonomous Robot for Gas and Oil Sites) Challenge creating a world first autonomous certified robot for use in a potentially explosive atmosphere.

Research of all robotic locomotion systems & associated applications (regardless of TRL) for use in the petrochemical industry both for human engineered environments and unmanned automated plants.

Study of future platform design to drive autonomous robotics forward to reach full field automation and remote robotic control room ergonomics.

Member of various robotic scientific advisory boards including EuRoC (European Robotic Challenges) and European Robotics League competitions advisory board.

Brigadier General Ioannis GALATAS



Brigadier General (ret'd) Ioannis Galatas, MD, MC (Army), is a retired military physician with 35 years of military industry experience (Army Medical Corps). He is specialized in Allergy and Clinical Immunology (Board certified) and for more than two decades he served as Head of the Department of Allergy & Clinical Immunology at Army General Hospital of Athens, Greece.

Since 2001 he has been involved in CBRNE operations as planner and instructor trained (including live agent training) in a number of countries abroad. His main passion focus on "Hospitals' CBRN Defence & Preparedness in Megapolis Environment", "CBRNE Design/Hardening of Critical Infrastructure" [airports, shopping malls, hotels etc.] and "CBRN Forensics & Management of Contaminated Corps". He holds an MA. degree (with merits) on "International Terrorism, Organized Crime and Global Security" from Coventry University, UK (2010) and he is a PhD candidate (Athens Medical School/Dept of Forensics & Toxicology).

His last appointment (as of August 2010), was as Head of the Department of Asymmetric Threats at the Intelligence Analysis Branch, Joint Military Intelligence Service of the Hellenic National Defense General Staff in Athens.

Currently he is the Editor-in-Chief of the monthly on-line "CBRNE Terrorism Newsletter" initiated in November 2005 and delivered freely to CBRNE-CT First Responders of more than 80 countries around the globe. He is also a

CBRNE Senior Research Associate at “Center for Security Studies” (KEMEA), Athens, Greece (under the Ministry of Public Order & Civil Protection) with special focus to disaster/terrorism related projects and a Research Associate at “National Nuclear Research Center Demokritos”. As of January 2015, he is member of the Didactical Board of University of Rome “Tor Vergata” delivering classes for their “International CBRNe Masters” programs and a CBRN consultant for Catholic University of Sacred Heart Gemelli Policlinico (EDEN EU Project).

Professor Masahiko INAMI



Educational background:

MSc. degree in Engineering (Tokyo Institute of Technology)
PhD. doctorate in Engineering (The University of Tokyo)

Professional membership:

Superhuman Sports Society (Founder, Representative Director)
ACM SIGGRAPH (Emerging Technologies Chair 2016, Unified Jury)
Augmented Human Conference (Steering Committee)
Advances in Computer Entertainment Conference (Steering Committee)
Virtual Reality Society of Japan (ex-Director, Counsilaor)
IEEE Computer Society (member)

Areas of interests and activities:

- Retroreflective Projection Technology for Augmented Reality and Diminished Reality, JST CREST, 1998-2015.
- Human Augmentation Technologies, 1998-
- Robotic User Interface, 2000-2008.
- Haptic Augmented Reality, JSPS, 2004-2006.
- Display-based Computing, JST PRESTO, 2003-2006.
- Device Art Project, JST CREST, 2005-2010.
- Design and Evaluation for Online Gaming, JST CREST, 2005-2010.
- Visuo-Vestibular Interface, JSPS, 2007-2014.
- Technologies for programming home robots, JST ERATO, 2008-2014.
- Understanding Body-Environment Interaction for Superhuman Sports, JSPS, 2016-2018.
- Designing body schema, JSPS, 2015-2018.
- JIZAI Body (Freedomated Body) : Design of ultra-body fit for super smart society (Society 5.0), JST ERATO, 2017-2013.

Professor Valery GRADETSKI



Former Position: Head of Robotics and Mechatronics Laboratory

Organization: The Institute for Problems in Mechanics of the Russian Academy of Sciences (IPMech RAS), Moscow, Russia

Current Position: Leader Scientific Researcher of IPMech RAS

www.ipmnet.ru

Educational Background:

- Engineer of Mechanical Engineering, Bauman Moscow Technical University, Moscow
- Candidate of Techn. Sc., The Institute of Control Sciences, Moscow
- Doctor of Techn. Sc. – The Institute for Problems in Mechanics, Moscow State Technological University, Stankin(MSTU),Moscow

Areas of Interests and Main Research Projects:

- EUREKA-FACTORY
- Projects (Remaphos, Tron, Pamis)
- INTAS Projects and Meetings
- CLAWAR International Conferences
- CARRA Projects and Meetings
- RFBR (Projects of Russian Foundation for Basic Research) - 2009-2018
- Research Projects of RAS (2010-2019)
- Mobile wall-climbing robots for different environments and applications
- Mechanics of mobile microrobots and microsystems, and its application
- Fuzzy control and softcomputing in robotics
- Simulation methods and systems
- Motion of intelligent mobile robots in dynamically changing environment
- Mechatronics modular design for mobile autonomous vehicles
- Mine Clearance by Means of Intelligent Robots
- Fundamental of the Science of Microelectromechanical Mechatronic Systems
- Acting member of The International Informatization Academy
- Acting member of Russian Academy of Science’s Scientific Council of Robotics and Automation
- Member of Scientific Council of the Institute for Problems in Mechanics
- Member of Professional Scientific Councils for awarding the Doctor Scientists Degrees in “MSTU” Technological University
- Representative Member at International Advanced Robotics Program (IARP)

LtCol Jean-Paul MONET



Lieutenant-colonel Jean-Paul Monet is a senior fire officer employed by Bouches-du-Rhône fire department, France (www.sdis13.fr). This assistant chief officer is CBRNe (Chemical Biological Radioactive Nuclear and Explosives) advisor of French civil protection.

Detaining a master degree of pharmacy, this 56 years old officer has been working in industrial hazard risk assessment, CBRNe and IT emergency planning fields for more than 30 years. He has been responsible for many incident commands, from forest fires to industrial accidents, including mass medical emergencies.

After serving four years in this school, he's associate teacher of French national fire officers' academy since 1990. He's also expert evaluator for EU (FP7, H2020) security research calls. From 2008 to 2014, he took part to several FP7 group as end user and CBRNe expert.

For more than 10 years he has been leading robotic tools innovation development groups, developing one UGV platform, with a national manufacturer.

Bouches-du Rhône Fire department provides an impressive background on robotic tools use:

- 2009: use of aerial imagery in operation
- 2012: first UGV in duty at BDRFD
- 2014: two UAVs included in the specialized team
- 2017 two UGVs and 10 UAVs in duty at BDRFD

JP Monet's publications and conferences in the pre-cited domains are witnessing of his willingness to implement efficiently R&D and innovation for civil protection stakeholders, and to share security knowledge worldwide.

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