

Address

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Daniel KANAAN

Senior Project Manager

Personal

2 October 1982
French/Lebanese

SUMMARY

- Nuclear safety award winner at WNE 2016, the leading event for the global nuclear energy community
- 11 years' experience in managing complex technological projects, implementing innovative solutions and managing change
- PhD in Mechanical Engineering
- Expert in remote operations in hazardous environments
- Languages: Arabic (mother tongue), French (bilingual), English (proficient)

PROFESSIONAL EXPERIENCE

- 2013 – Present **AREVA** (Multinational group specializing in nuclear power, €4b revenues, 40,000 employees) – France
- Project Manager** – Responsible of R&D, industrialization and on site implementation for market investigations, characterizations and nuclear measurements
- Managed €3m/year projects portfolio; defined strategy and business objectives, including intellectual property rights
 - Developed and delivered new innovative products: robots, drones, instrumentation and data processing software programs
 - Managed multidisciplinary teams, built partnerships and coordinated relationship with stakeholders
 - Assessed markets, negotiated contracts and managed call for tenders
 - Lead member of AREVA's response force
 - Member of the technical advisory board of the EIG INTRA (Group of robotics intervention on accidents)
- 2010 – 2012 **AREVA** – France
- Engineering Team Leader** – Responsible for mechanical engineering studies on large scale projects (> €30m) addressing fuel fabrication, spent fuel reprocessing, nuclear transportation, and dismantling nuclear facilities
- Managed multi-functional teams to deliver engineering studies on new and existing nuclear installations
 - Successfully adapted the effluent treatment unit within the Fukushima site as part of the resolution team; managed maintenance procedures to improve operations safety
 - Created and led an international network of 50 robotics experts across Europe and USA to share experiences, foster partnerships and promote cross BU-BG collaborations
 - Implemented training programs on remote handling devices to develop the engineers' technical know-how
- 2008 – 2009 **CNRS** (Largest research organization in Europe, €3.5b budget, 26,000 employees) – France
- Research Team Leader** – Responsible for coordinating R&D in national funded projects
- Initiated and launched new R&D activities for the design of innovative robots
 - Developed a lightweight, deployable telescope for observation satellites in collaboration with Thales
 - Successfully delivered new techniques and software tools for verifying the rigidity of robots and machines
 - Scientific advisor of one PhD student
- 2005 – 2008 **Ecole Centrale / CNRS** – France
- R&D Project Engineer** – Responsible for delivering technical and research studies in the EU funded NEXT (Next Generation Production Systems) project (€25m) involving high-level multinational companies
- Delivered innovative R&D work on new production systems in collaboration with Tecnia and AMTRI
 - Achieved in-house R&D projects on new high-speed robotic systems leading to more productive machines
 - Part time lecturer in mechanical engineering and robotics courses
 - Published eight scientific papers in renowned scientific journals and presented papers at international conferences

EDUCATION

- 2016 – 2017 Executive Education, Strategy and Finance, HEC Paris, France
- 2005 – 2008 PhD (Honors), Mechanical Engineering, Ecole Centrale, France
- 2004 – 2005 Master (Honors), Mechanical Engineering, Ecole Centrale, France
- 2000 – 2005 BE, Engineering, Ecole Centrale, France / LU, Lebanon

OTHER ACTIVITIES

Member of the French Nuclear Society, (SFEN) and the American Nuclear Society, (ANS)

Board Member of the association ANADYL (90 members): Organizing language courses and spectacles

Reading, Music, Basketball, Skiing