

**Name** Ammar AL KHANI  
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### ***Biography***

Dr. Ammar AL Khani is a French citizen of Syrian origin, was born in Damascus. He is a PhD. Senior R&D professional having pluridisciplinary engineering skills. He has earned his PhD. in Chemical Engineering and a master post graduate diploma, DEA in Automation Engineering in addition to a MSc. in Chemical engineering and a diploma of automation engineer of the production.

### ***25 years of Academic and professional Experience***

Dr. AL Khani is living in Espoo, Finland since February 1994, upon invitation by Helsinki University of Technology, on a Senior Scientist Researcher position. Prior to that, he was working at the INPT- Institut National Polytechnique of Toulouse, France as an R&D Researcher since 1985.

Moreover, dr. AL Khani has worked as consultant and designer of intelligent optimisation and control of energy and power system, to the Finnish State Research Centre VTT. Also, he has designed, for VTT a SixSigma based guiding Roadmap and a quality Audit and evaluation tool.

Dr. A. AL Khani, is a member of professional associations and a member of the international scientific comity of European Simulation Comity and a Scientific Referee. He has published many scientific articles in the field of various processes Automation and Artificial Intelligence techniques in addition to process optimisation, production management, simulation and energy optimisation. Also, he has submitted several invention applications.

During his academic and professional career in France and in Finland, he has acquired a polyvalent scientific and engineering skills and professional experience leading applied research and designing cutting edge technologies of intelligent automation systems that are ranging from space technologies to the production process and business strategy.

Dr. AL Khani is active in designing advanced Management Systems with respect to EU quality, safety and environment standards and regulations.

Since 2012, dr. AL Khani is a consultant and designer of sustainable roadmap policy of re-construction projects of reviving the socio-economic and industrial life-cycle for the after-war Syria, while presently he is actively working over a sustainable systems of relief projects that are targeting Syrian refugees in refugee camps, including designing complex autonomous schooling complexes, renewable energies and wastes management and recycling.