

Dr Chaouki Kasmi

President – Technology & Innovation, EDGE Group



Dr Chaouki Kasmi is the President of Technology & Innovation at EDGE Group, one of the world's leading advanced technology and defence groups.

Kasmi brings more than 15 years of extensive experience and expertise in unintentional and intentional electromagnetic interference, detection systems, device testing, statistical electromagnetics, computational electromagnetics, and signal processing. He has co-authored more than 200 scientific papers.

In his capacity as President of Technology & Innovation, Kasmi is responsible for overseeing EDGE's two newly launched Centres of Excellence: the Radar and Electronic Warfare (EW) Centre of Excellence and the Electro-Optics Centre of Excellence (EOCE). These centres, under his leadership, will specialise in radar, electronic warfare, and electro-optic technologies, significantly contributing to EDGE's mission of transforming the defence industry through continuous innovation.

Previously, Kasmi was Chief Researcher of the Directed Energy Research Center. He was responsible for building advanced research capabilities in the domains of high energy physics, electromagnetic technologies, innovative radar and sensing systems, laser technologies, and acoustic devices – from fundamental physics and theoretical problems to experimental physics. Under his leadership, the centre delivered strategic technologies to partners and clients.

Before his role at the Directed Energy Research Center, he was the Director of the Mobile and Telecommunication Lab at a prominent cybersecurity firm in the UAE. He built the company's entire telecommunication security function from the ground up.

Prior to his role at the cybersecurity firm, Kasmi was the Deputy Head of the Wireless Security Lab at the French National Cybersecurity Agency (ANSSI). Within the agency, he also held the position of Head of Research and Electromagnetic Security Researcher. His responsibilities included the coordination of research, project advisory, and team management.

Kasmi was previously an Associate Electromagnetics Scientist and Researcher at the Faculty of Electrical Engineering at Helmut Schmidt University – University of the German Federal Armed Forces.

Other notable achievements include being recognised by the SUMMA Foundation as a High-Power Electromagnetics (HPEM) Life Fellow and receiving two Young Scientist Awards from



Union Radio-Scientifique Internationale/International Union of Radio Science (URSI). Kasmi is also featured in the Hall of Fame of both Samsung and Sony for his reports on security flaws in smartphones and smart TVs.

He holds a PhD in electronics from Pierre and Marie Curie University, a Master of Science in engineering in embedded systems from Grande Écoles d'Ingénieurs (ESEO), and an MSc in microelectronics from the Institut National des Sciences Appliquées (INSA) de Rennes, all located in France.