

ABDULFATTAH MOHAMMAD OBEID

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QUALIFICATIONS

- Ph. D Electrical Engineering and Information *Technology*** – *TU-Darmstadt, Darmstadt, Germany*
M.Sc., Electrical Engineering — *Michigan State University, East Lansing, MI, USA*
B.Sc., Electrical Engineering — *King Saud University, Riyadh, Saudi Arabia*

PROFESSIONAL EXPERIENCE

Deputy Director for Scientific Affairs 2010-Present
National Center for Electronic, Communications and Photonics Research (ECP), KACST, Saudi Arabia

- Founded the Microsystems Division – grew to more than 30 Engineers and technicians in two years.
- Founded and leading the Advanced Microsensors Division of ECP which is charged with stimulating the development of microelectronic development in the Kingdom of Saudi Arabia through provision of low cost manufacturing services in the region.
- Formed long term strategic partnerships with a number of international private and public organizations and institutions for the implementation of various projects of national importance.
- Was a key member (Coordinator of the Electronics, Communications and Photonics strategic technology) of the implementation committee that drafted and the National Science, Technology and Innovation plan for Saudi Arabia.
- Successfully completed a number of studies and implementation plans for programs of strategic national importance.

Chairman 2008-2010
Microsystems Division, ECP, KACST

- Founded the Microsystems Division – grew to more than 30 Engineers and technicians in two years
- Formed partnerships with a number of international private and public institutions to collaborate in research and IP development
- Led a teams of fresh engineers to produce the first Saudi Electronics ICs and MEMS sensors

Researcher 2006-2008
ECP, KACST

- Coordinated the Electronics, Communication and Photonics Technologies Strategic Plan of the Saudi National Policy for Science, Innovation and Technology
- Participated in the strategic Planning of the Saudi National Innovation Ecosystem
- Participated in a number of research projects in the areas of radar systems and radar signal processing

PROFESSIONAL ASSOCIATIONS

- *Member of IEEE*
- *Member of ACM*

RESEARCH

- *Author of 9 peer reviewed publications*
- *Research interests:*
 - *Reconfigurable computing*
 - *VLSI architectures for DSP*
 - *Computer architecture*
 - *Wireless sensor networks*
 - *MEMS*