

# **CURRICULUM VITA- Summary Version**

**Prof. Amir Eliezer**

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## **1. Academic education**

2002-2003- Post Doctoral Research Fellow. Ben-Gurion University of the Negev.

1998-2002- Ph.D , in Department of Materials Engineering, Ben-Gurion University of the Negev.

Dissertation title: “Mechanical Behavior of Mg-Alloys in Corrosive Environments under Static and Dynamic Loading”, Summa cum laude

1998- 2001 M.B.A. in School of Management, Ben-Gurion University of the Negev.

1995-1997 M.Sc in Department of Materials Engineering, Ben-Gurion University of the Negev.

Dissertation title:: “Mechanochemical Behavior, Corrosion Fatigue and Plasticity of Magnesium Alloys”, Summa Cum Laude.

1992-1995 B.Sc. in Department of Materials Engineering, Ben-Gurion University of the Negev.

Magna cum laude.

## **2. Academic employment/role**

June/2011- October 2017 Dean The Authority for Research & Development –SCE

June/2011- October 2017 Director , Entrepreneurship & Innovation Center

Since April/2014 Director, Corrosion Research Center, Nano-Bio & Advanced Materials.

Since April 2003 Full academic position

Up to date as Dean R&D responsible for submission of 300 grants, patents, IP expertise, dozens of contracts with Industries, governmental offices and International offices.

Experience in responsibility for more than 600 students per year studying business entrepreneurship as well as innovative thinking skills. As leader the the Entrepreneurship track and accelerator involved in creating 10 start ups among the 50 selected teams within the last five years.

### 3. Industrial experience

**Automotive Industrial** Innovative products previously development experience with Volkswagen, General Motors and Fiat on advanced materials, light structures and nano frame energy adsorption.

**Oil and Gas** Innovative practical in-situ dynamic and static real time stimulations. Corrosion fatigue of pipelines and engines. Modeling and materials structure design on life time prediction and failures prevention. Innovation approach for smart analysis and leakage detection.

**Medical Industry** Industrial experience in leading cross-functional teams developing new technologies for medical devices (class IIb and III). Working experience in a highly multicultural network. Responsibilities also range from the early planning to the up-scaling before transfer to production. Experience in feasibility studies, , preparation of the technical documentation for CE and FDA approval, and training of QA and Production staff. Development of new technologies, business development, strategically plan for innovative technologies.

**Startups** Expert in innovative thinking and product creativity within startups development

**Smart Cities** oil, gas, water, infrastructure smart data and control.

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### 4. Publications

Over 220 Scientific publications (Peer-reviewed Journals, book chapters, conference full papers and Abstracts)

Over 150 invited seminars and lectures.

### 5. International Roles

2013- 2016 President of the WCO-World Corrosion Organisation

2016- Past President WCO

Since 2015- NACE European Area Chair

From April 2018 -New Elected Director-European Area on the Board of NACE International Arabia.

### 6. Others

Since 2003- Third Term Elected City Council member of Omer- Volunteer Role