

Feras Z. Batarseh

Experience (1)

**July 2012 – present Professional Commonalty Safety co. Ltd.
(Daughter Company of Wathba Inv. Co. Ltd.) Amman – Jordan**

Vice president

July 2008- present Wathba Inv. Co. Ltd. Amman – Jordan

Executive Manager

**Oct.,2005 – July, 2008 Technische Universitat Darmstadt,
Darmstadt – Germany**

Researcher and Ph.D. student

June, 1999 – March, 2005 Wathba Inv. Co. Amman-Jordan

- Sales and Marketing Manager, Jan., 2004 – Mar., 2005
- Technical Department Manager, July, 2002- Dec., 2003
- Tenders and Major Projects Dept. Manager, July, 2001 – June, 2002
- Technical Support Supervisor, July, 2000 – June, 2001
- Technical Support Engineer, June, 1999 – June, 2000

Experience (2)

**Lead assessor at King Abdullah II Center for Excellence,
EFQM model of Excellence (2008 – 2013)**

Founder and partner / Al Rahb Housing Company

Partner / IBIZA Trading Company (Family business)

Participant in INJAZ program

Freelancer: Energy Consultant.

Referee / Orthodox School's prize for Innovative ideas

Referee / Philadelphia University prize for best Innovation in RE

Education

- **Oct. 2005 – Nov. 2008 TU Darmstadt Darmstadt – Germany**
Ph.D. Mechanical Engineering: “Spray generated by an air-blast atomizer: atomization, propagation and aerodynamic instability”
 - **2001 – 2003 University of Jordan Amman – Jordan**
M.Sc. Mechanical Engineering: Performance Study of Radiant Panel Systems for Heating and Cooling

 - 1995 – 1999 University of Jordan Amman - Jordan**
B.Sc. Mechanical Engineering: Tunnel Ventilation
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Scholarships and sponsored activities	<p><i>DAAD: German Academic Exchange Service, (Darmstadt-Germany, 2005 - 2008)</i></p> <p><i>ESA parabolic flight campaign for micro-gravity experiments and gravity-loss simulation, (Bordeaux-France, 2007)</i></p>
Training Courses	<ul style="list-style-type: none"> • Improving your leadership skills, by Success (November 2001) • Improving your management skills, by Success (November 2001) • Leadership in 21st century by SGS. (April 2002) • New way in strategically planning by SGS. (April 2002)
Renewable Energy Activities	<ul style="list-style-type: none"> • Delegation from the MENA Region to Germany, NUMOV, German and Middle East Association. Germany, 5-9 Oct. 2009 (Participant) • Euro-Jordanian Renewable Energy Conference and GCREEDER. Amman, Jordan 1-2 April 2009 (Technical Editing Committee)
Publications and Industrial projects	<p>Journal publications:</p> <ul style="list-style-type: none"> • Batarseh F. Z., Gnirss M., Roisman I. V. and Tropea C., Fluctuations of a Spray Generated by an Airblast Atomizer, Experiments in Fluids, January 2009. • Feras Z. Batarseh, Ilia V. Roisman and Cameron Tropea, Characterization of a spray generated by an airblast atomizer with prefimer. Atomization and Spray, volume 20, 2010, Issue 10, p.p. (887-903). • Ilia V. Roisman, Cameron Tropea and Feras Z. Batarseh, Chaotic disintegration of a liquid wall film: a model of an airblast atomization. Atomization and Spray, volume 20, 2010, Issue 10, p.p. (837-845). • Mouldi Chrigui, Ilia V. Roisman, Feras Z. Batarseh, Amsini Sadiki and Cam Tropea, Spray generated by an airblast atomizer under elevated ambient pressures, J. Propulsion Power 26/6 (2010), p.p. 1170-1183. <p>Conference Publications:</p> <ul style="list-style-type: none"> • Batarseh F. Z., Roisman I. V. and Tropea C., Spray Generated by an Airblast Atomizer under High-Pressure Conditions, Proceedings of ASME Turbo Expo 2007, Power for Land, Sea and Air, Montreal, Canada, May, 2007. • Batarseh F. Z., Chrigui M., Janicka J., Roisman I. V., Sadiki A. and Tropea C., "Spray Produced by an Airblast Atomizer under Elevated Pressure Conditions: Experimental and Numerical Study", International Conference on Multiphase Flow, ICMF, Leipzig, Germany, July, 2007. • Batarseh F. Z., Gnirss M., Roisman I. V. And Tropea C., Aerodynamic Instability of a Spray Generated by an Airblast Atomizer, Proceedings of ILASS-Europe, September, 2007. • Batarseh F. Z., Roisman I. V. and Tropea C., Effect of Primary Spray Characteristics on the Spray Generated by an Airblast Atomizer under High-Pressure Conditions, ILASS Americas, Orlando, Florida, May, 2008. • Chrigui M., Batarseh, F. Z., Roisman, I. V., Sadiki A. and Tropea, C., Numerical and Experimental Study of Spray Produced by an airblast atomizer under Elevated Pressure conditions, Proceedings of ASME Turbo Expo 2008, Berlin,

Germany, June, 2008.

- Mühlbauer M., Batarseh F. Z., Roisman I. V., Tropea C., An Experimental Study of Spray/Wall Interaction for Heated, Wetted Surfaces. Proceedings of ILASS-Europe, September, 2008.
- N. Lembach, I. V. Roisman, F. Z. Batarseh, S. Collicott and C. Tropea, Liquid interface on structured surface and apparent contact angle, ICLASS 2009.
- F. Z. Batarseh, N.V. Semidetnov, I.V. Roisman, S. Paustian and C. Tropea, IPI measurements of high-density, rotary-cup paint sprays: capabilities and limitations, Optical Methods of Flow Investigation, Moscow, June 2009.

Industrial projects

- ESA parabolic flight campaign for *micro* gravity experiments and gravity-loss simulation, "Investigation of surface tension effects on liquid transportation on structured surfaces" (Bordeaux-France, 2007)
- IPI measurements of non-transparent spray – Daimler/ Mercedes – Fraunhofer Institute – Stuttgart – Germany (November 2007)
- Impact of iso-octan spray onto heated target – simulation of benzene spray impact in SI BMW engine – BMW – Germany (October 2007)
- Developing data base for shower-head flow through characterizing breakup of water jets using high-speed video camera – Hansgrohe – Schiltach – Germany (October 2007)
- Characterization of glue spray for pharmaceutical applications – Novartis Pharma – Darmstadt – Germany (June 2006)

Personal Information

- **Date of Birth:** December 9th, 1977
- **Nationality:** Jordanian, PR in Canada
- **Gender:** Male
- **Marital status:** Married to Rania Al-asa'd, MD.
- **Hobbies:** Reading and Traveling

Languages

- **Arabic:** Mother tongue
- **English:** V. good
- **German:** V. good

References

Prof. cameron Tropea

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Technical University darmstadt - Germany
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Prof. Ilia Roisma

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