

## RAHMAT SOTUDEH-GHAREBAGH

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## EDUCATION

- 1994- 99 **Ph.D.** in Chemical Engineering, Ecole Polytechnique de Montreal, *Canada*.
- 1992 -94 **M.Sc.** in Chemical Engineering, Ecole Polytechnique de Montreal, *Canada*.
- 1988-89 **Advanced Certificate Program (ACP)** in Petroleum Engineering, Abadan, Institute of Technology, Joint Program with UNDP, Ahvaz, *Iran*.
- 1983 -87 **B.Eng.** in Chemical Engineering, Sharif University of Technology, Tehran, *Iran*.

## SELECTED WORK EXPERIENCES

- 2015- Top Advisor to CEO, Fouman Chimie Industrial Co.
- 2013- Iranian Association of Chemical Engineering (IACHE), Main Board Member.
- 2011- International Consultant (1802), CECON Group, USA, <http://www.cecon.com/>
- 2010-2014 Director of Standard Research Institute, ISIRI, Tehran, Iran.
- 2008- Professor of Chemical Engineering, University of Tehran, Tehran, Iran.
- 2010-2013 Director of Iranian Scientific Laboratories Network (ISLN), MSRT, Tehran, Iran.
- 2008- 2011 Chairman of Tehran Universities' Applied Research Council (TUARC), Iran.
- 2008- 2010 Dean of UT Applied Research Office (UT-ARO), University of Tehran, Iran.
- 2008- 2010 Deputy to Vice President for Research and Technology, University of Tehran, Iran.
- 2006- 2007 Visiting Associate Professor, Dept. of Chem. Eng., University of Qatar, Qatar.
- 1999- 2008 Assistant and Associate Professor of Chem. Eng., University of Tehran, Iran.
- 2002- Director of Process Design and Simulation Centre, University of Tehran, Iran.
- 2002- 2004 Research, Development and Training Manager, Glucosan., Iran.
- 2001- 2003 Head of Graduate Studies, Chem. Eng. Dept., University of Tehran, Tehran, Iran.
- 1999- 2006 Founder and Executive Director of Pharmaceutical Engineering Program, Chemical Engineering Department, University of Tehran, Tehran, Iran.

## AWARD/PRIZES

1. University of Tehran's International Award, 2015
2. Allameh Prize from Iran National Elite Foundation, 2015
3. Allameh Award, 2015

## INDUSTRIAL WORKSHOPS (> 200)

1. Process Simulation using HYSYS/ ASPEN PLUS / SPD
2. Steady State Process Simulation
3. Dynamic Process Simulation
4. Operator Training Simulators (OTS)
5. PC-Based Softwares for Process Engineers
6. IT for Process Engineers

## PUBLICATIONS

### BOOKS

- 1 Norouzi H.R., R. Zarghami, **R. Sotudeh-Gharebagh** and N. Mostoufi, *Coupled DEM-CFD Modeling: Principle, Implementation, and Applications to Multiphase Flows*, John Wiley & Sons Ltd., March 2016.
- 2 **Sotudeh-Gharebagh R.** and J. Chaouki, *Combustion of Natural Gas in Turbulent Fluidized Beds: Experiments, Simulation*, LAMBERT Academic Publishing AG & Co. KG, Germany, 2009.

### BOOK CHAPTERS

- 1 Laviolette, J-P, **R. Sotudeh-Gharebagh**, R. Mabrouk, G.S. Patience, J. Chaouki, *Fluidized Bed Combustion of Natural Gas and Other Hydrocarbons*. Edited by M. Lackner, F. Winter, A. K. Agarwal, Handbook of Combustion, Vol. 5 (New Technologies), Chapter 9, John Wiley, 2010.
- 2 Zarghami R., N. Mostoufi, **R. Sotudeh-Gharebagh**, J. Chaouki, *Nonlinear Dynamic Characteristics of Bubbling Fluidization*, Advances in Multiphase Flow and Heat Transfer, Vol. 3, Chapter 9, Bentham Science Publishers, 2012, 300-331.
- 3 Abbasi M., Z. Mansourpour, N. Mostoufi, and **R. Sotudeh-Gharebagh**, *Measurement Techniques in Gas-Solid Fluidized Beds*, Fluidization Engineering Practice, Second expanded edition, Chapter 7, <http://www.arunmujumdar.com/e-books.htm>, 2012, 257-286.

### JOURNALS

- 1 *Chemical Product and Process Modeling*, Founders and Editors-in-Chief: **R. Sotudeh-Gharebagh**, N. Mostoufi and J. Chaouki, **DE GRUYTER**, 10785 Berlin, Germany, <http://www.degruyter.com/view/j/cppm>, (2006-
- 2 *Journal of Industrial Technology Development*, Editor-in-Chief: **R. Sotudeh-Gharebagh**, <http://jtd.iranjournals.ir/>, (2009-2012).

## PAPERS (> 250 publications in major international journals and conferences)

Full CV (You may give HyperLINK)