Dr. Saleh A. Al-Sayari

Personal information

Name	Saleh A. Al-Sayari
Title	Assistant Prof.- Physical Chemistry Dean, College of Science and Arts at Sharurah Director, Promising Centre for Sensors and electronic Devices (PCSED) Najran University.
Date of birth:	10 July 1975

Academic Education

Ph. D. (2006)	Cardiff University, Cardiff, United Kingdom
Research Topic	Synthesis and Applications of NANO SUPPORTED GOLD CATALYSTS
Research Advisor	Prof. Graham J. Hutchings Director, Cardiff Catalysis Institute Cardiff University, Cardiff, UK
B. Sc (1998)	King Saud University, Riyadh, Saudi Arabia
Major	Chemistry (4.06/5) V Good

Work Experience

July 1998 – December 2002 : Chemist in SABIC R&T

Jan 2003 – July 2006 : PhD study at Cardiff University

August 2006- 2010 : Researcher in SABIC R&T

•Assigned as team member in Acetic acid Technology Development – Catalyst Research and Scale up 1999- 2002

•Assigned as team member in Acetic Acid VAM integrated process, 2000-2002

•Assigned as a team member on Syngas Conversion to Olefins project, August 2006 – 2008

•Assigned as a team Leader on Syngas Conversion to Aromatics project, August 2008 – Feb 2010

March 2010 – September 2010: Vice Dean, Science and Art College at Sharura-Najran University

September 2010 – Present : Dean, Science and Art College at Sharura-Najran University

December 2010 – Present : Director, Scientific and Engineering research centre -Najran University

Jan 2011 – Present : Member, University Strategic Plan preparation team -Najran University

Jan 2011 – Present : Member, Najran University Council

May 2011 – Present : Director, Promising research centre in Sensors and Electronic Devices - Najran University

Training/ Workshop

Technical trainings:

No.	Training Title	Location	Year
1	Principles of Gas Chromatograph	SABIC – Saudi Arabia	1999
2	General Safety	MEIRC – Saudi Arabia	1999
3	Advanced Gas Chromatograph	ANATEX – Saudi Arabia	2000
4	Laboratory Safety	MEIRC – Saudi Arabia	2000
5	Heterogeneous Catalysis	University of Houston – USA	2000
6	Accelerated Catalyst Design and Developments	Vilamoura – Portugal	2001
7	Reaction Kinetics and Catalysis	SABIC – Saudi Arabia	2002
8	Chemical Handling and Waste Management	ORCA – Saudi Arabia	2002
9	Catalyst preparation Methods	Liverpool University – UK	2005
10	Nano Technology	University of Surrey – UK	2008

Self Development trainings:

No.	Training Title	Location	Year
1	The Quality Advantage	SABIC – Saudi Arabia	2000
2	Planning and Time Management	Human Talent Establishment - Saudi Arabia	2000
3	Experimental Design	MERIC - Saudi Arabia	2001
	Experimental Design using Minitab	KFUPM – Saudi Arabia	
4	Dealing and Communicating with Others	ICTD – DUBAI, UAE	2007
5	Project Management	TUV - DUBAI, UAE	2007
6	Thinking Skills - CoRT Program	De Bono Center - Saudi Arabia	2008

Leadership trainings:

No.	Training Title	Location	Year
1	Achieving Outstanding Performance	Insead (world School of Business)- France	2007
2	Beta Transition to Management	SABIC – Saudi Arabia	2008
3	Business Simulation – Apple & Oranges (Introduction to Finance)	SABIC – Saudi Arabia	2008
4	Business Simulation – Decision Base	SABIC – Saudi Arabia	2008
5	Business Simulation – Tango (Leading Tangibles and Intangibles assists)	SABIC – Saudi Arabia	2009
6	Learning to lead	Insead (world School of Business)- France	2009

Conferences

No.	Conference	Location	Year
1	3rd World Congress in Catalysis	Berlin - Germany	2002
2	2nd World Gold catalysis Conference	Vancouver - Canada	2003
3	Cardiff Ester Catalysis Conference	Cardiff – UK	2004
4	4th Asia Pacific conference on Catalysis	Singapore	2007
5	Syngas Conversion Conference	Xiamen – China	2008
6	6th World Congress in Catalysis	Lille – France	2009

Patents

1. **PROCESS FOR PRODUCING A MIXTURE OF ALIPHATIC AND AROMATIC HYDROCARBONS**. US 2012/0123001 A1, May 17 2012
2. **O2 REGULATION OF F-T REACTION - PCT/EP10/001617 (in filing process)**

Publications

1. M. Roussel, M. Bouchard, E. Bordes-Richard, K. Karim, **S. Al-Sayari**, Catalysis today, 99 (2005) Pages 77-87:
2. M. Roussel, M. Bouchard, K. Karim, **S. Al-Sayari**, E. Bordes-Richard, Applied Catalysis A: General 308 (2006) Pages 62-7:
3. **S. Al-Sayari**, A. F. Carley, A. A. Herzing, C. J. Kiely, S. Tylor, G. J. Hutchings, Topics in Catalysis, 44, 1-2, 2007.
4. P. Landon, J. Ferguson, B. E. Solsona, T. Garcia, S. Al-Sayari, A. F. Carley, A.A. Herzing, C. J. Kiely, M. Makkee, J. A. Moulijn, A. Overweg, S. E. Golunski, G. J. Hutchings, Mater. Chem., 2006, 16, 199 – 208.

5. M. Roussel, S. Barama, A. Löfberg, S. Al-Sayari, K. Karim, E. Bordes-Richard, Catalysis Today, Volume 141, Issues 3-4, 30 March 2009, Pages 288-293.
6. A.Umar, M. Abaker, M. Faisal, S. W. Hwang and S. Baskoutas, **S. A. Al-Sayari,** Journal of Nanoscience and Nanotechnology 11, 3474-3480 (2011)
7. A. Umar, A. A. Alharbi, P. Singhm, **S. A. Al-Sayari**, Journal of Nanoscience and Nanotechnology 11, 3560-3564 (2011)
8. A. Umar, M. S. Chauhan, S. Chauhan, R. Kumar, G. Kumar, S. W. Hwang, **S. A. Al-Sayari**, A. Al-Hajry, Journal of Colloidal and Interface Science 363, 521-528 (2011)
9. S. H. Kim, A. Umar, S. W. Hwang, **S. A. Al-Sayari**, M. Abaker, Al-Hajry, Journal of Nanoscience and Nanotechnology 11, 5102-5107 (2011)
10. Z.A. Ansari, M.-ul-Haque, H-K. Seo, A. Umar, A. Al-Hajry, **S. A. Al-Sayari**, Advanced Science Letter 4, 3451-3457 (2011)
11. G. N. Dar, A. Umar, S. A. Zaidi, S. Baskoutas, S. H. Kim, M. Abaker, A. Al-Hajry, **S. A. Al-Sayari**, Sci. Adv. Mat. 3, 1-7 (2011
12. S. Al-Heniti, R. I. Badran, A. Umar, A. Al-Ghamdi, S. H. Kim, F. Al-Marzouki, A. Al-Hajry, **S. A. Al-Sayari**, T. Al-Harbi, Journal of Nanoscience and Nanotechnology 12, 68-74 (2012)
13. G.N. Dar, A. Umar, S. A. Zaidi, S. Baskoutas, S.W. Hwang, M. Abaker, A. Al-Hajry, **S. A. Al-Sayari**, Talanta 89, 155-161 (2012).
14. A. A. Ismail, D. W. Bahnemann, **S. A. Al-Sayari**, Applied Catalysis A: General, 431-432, 62-68 (2012).
15. A. A. Ismail, R. A. Goushi, Hocine Bouzid, **S. A. Al-Sayari**, A. Al-Hajry, D. W. Bahnemann, Applied Catalysis B: Environmental, , 129, 62-70. (2013).
16. A. A. Ismail, **S. A. Al-Sayari**, D.W. Bahnemann, Catalysis Today, 209, 2-7 (2013).
17. M. Jalalah, H. Bouzid, M. Faisal, A. A. Ismail, **S. A. Al-Sayari** , Dielectric and photocatalytic properties of sulfur doped TiO_2 nanoparticles prepared by ball milling, Published online, Material Research Bulletin, 2013.