



Technology in Petroleum Refining & Petrochemicals

Venue: KFUPM Dhahran Techno Valley, Innovation Cluster Bldg., Auditorium 1111: Nov. 3-4, 2019

Poster Session: Sunday, November 3, 2019, 14:00–15:30

LIST OF POSTERS -1

| No. | Title | Name | Department |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------------------------|
| 1 | Synthesis of nickel/zeolite catalyst by chemical deposition: pathway to highly dispersed and stable nickel catalyst | Yahia Hakmi | Chemistry |
| 2 | Facile synthesis of ultrathin interconnected carbon nanosheets as a robust support for small and uniformly-dispersed iron phosphide for hydrogen evolution reaction | Munzir Suliman | CENT Chemistry |
| 3 | Investigating the effect of ammonium fluoride (NH₄F) media in synthesis and characterization of a metal containing zeolite catalyst material | Alhassan Ibrahim | Chemistry |
| 4 | Sodium octanoate functionalized graphene oxide (SO-GO): A green corrosion inhibitor for oil well acidizing environment | Kabiru Haruna | Chemistry |
| 5 | Pd-NHC - catalyzed effective synthesis of biaryl ketones and Biaryl diketones by carbonylative Suzuki-Miyaura coupling reactions | Waseem Mansour | Chemistry |
| 6 | Modified ZSM-5 supported NiMo-S for hydrodesulfurization application | Umar Mustapha | Chemistry |
| 7 | LaCO₃OH Nanoprisms: Photoluminescence and toxic NO_x reduction properties | Md. Hasan Zahir, Md. Abdul Aziz | CORE Renewable Energy, CENT |



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LIST OF POSTERS -2

| No. | Title | Name | Department |
|-----|---------------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|
| 8 | Novel mesoporous cobalt iron sulfide for efficient hydrogen evolution reaction | Dr. Alaadin Adam | Center Excellence Nanotechnology |
| 9 | Light naphtha aromatization | Mohammed Ellouh | KFUPM-CRP |
| 10 | Synthesis of methyl t-butyl ether using low cost activated carbon-based catalyst | Dr. M. Ashraf Ali | CHE, Jazan University |
| 11 | Carbon nanofiber-doped zeolite as support for molybdenum based catalysts for enhanced hydrodesulfurization of dibenzothiophene | Islam Ali, T. A. Saleh | Chemistry |
| 12 | Hydrodesulfurization of dibenzothiophene over NiMo dispersed on carbon-TiO₂ composites | Umar Cheche Abubakar | Chemistry |
| 13 | SOMC-generated single-site VO_x species on silica for ODH of propane | Dr. Samir Barman | Refining & Petrochem |
| 14 | Effect of screw speed and material type on the energy consumption of multi-screw extruders | Dr. Mansour Albareeki | Refining & Petrochem. |