



Department of Mathematics
and Statistics

Third CARG Workshop Monday, April 28, 2014

The workshop is organized by the Commutative Algebra Research Group (CARG) <http://www3.kfupm.edu.sa/carg/index.htm>. The purpose is to bring together (commutative) algebraists from KSA, from the Gulf region as well as researchers from other countries to discuss recent development and trends in research in (commutative) algebra and related fields.

Invited Speakers: **Emad Abu Osba** (Jordan Univ., Jordan), **Faleh Aldosary** (Umm Al-Qura Univ., KSA), **Majid Ali** (Sultan Qaboos Univ., Oman), **Ahmed Ayache** (Univ. of Sana'a, Yemen), **Christian Lomp** (Porto Univ., Portugal), **Mohammad Saleh** (Birzeit Univ., Palestine), **Abdullahi Umar** (Sultan Qaboos Univ., Oman).

Program (Updated on April 22, 2014)

Venue: Research Institute (Building 15) – Room 4006 (Fourth floor)
(GPS coordinates N 26° 18' 25", E 50° 8' 30")

Sessions	Time	Speaker and Title
	08:50 – 9:00	Inauguration
Session 1 Chaired by: J. Abuhlail	09:00 – 09:30	Ahmed Ayache <i>Integrally Closed Domains with Treed Overrings</i>
	09:30 – 10:00	Majid Ali <i>What is the GCD and the LCM of Rational Numbers?</i>
	10:00 – 10:15	Coffee Break
Session 2 Chaired by: A. Laradji	10:15 – 10:45	Abdullahi Umar <i>On the Semigroups of the Contraction Mappings of a Finite Chain</i>
	10:45 – 11:15	Mohammad Saleh <i>On Weakly Projective and Weakly Injective Modules</i>
	11:15 – 11:45	Christian Lomp <i>Large Subrings from a Module Theoretical Perspective</i>
	11:45 – 14:00	Prayer and Lunch Break
Session 3 Chaired by: M. Saleh	14:00 – 14:30	Emad Abu Osba <i>The Intersection Graph of Finite Commutative Principal Ideal Rings</i>
	14:30 – 15:00	Faleh Aldosary <i>Commutative Algebra and some of its Applications</i>
	15:00 – 15:30	Othman Echi <i>A Structure Theorem for Primal Spaces Associated with Primitive Words</i>
	15:30 – 16:00	Salah Kabbaj <i>Bi-amalgamations</i>