

## AUIS ENGR 35X Seminar: Saturday, April 28, 2018

### Session I, 8:20 – 10:00, room A-G-05

8:20 – 8:30	Shalaw Ali	<i>Types of power plants used in Kurdistan</i>
8:30 – 8:40	Mohammed Faraidoon	<i>Wind turbine generators in Kurdistan</i>
8:40 – 8:50	Jumana Amir	<i>The flow of water out of control / turbulence</i>
8:50 – 9:00	Ahmed Rashid Ahmed	<i>The flow of water out of control / turbulence</i>
9:00 – 9:10	Mohammed Anwer	<i>The flow of water out of control / turbulence</i>
9:10 – 9:20	Mohammed Najat Star	<i>Water heat pumps</i>
9:20 – 9:30	Abdulrahman Jameel	<i>Water heat pumps</i>
9:30 – 9:40	Nyaz Mostafa	<i>Magnetic heat pumps</i>
9:40 – 9:50	Akoyan Fuad Jasim	<i>Jet-water for cutting</i>
9:50 – 10:00	Mohammed Abdulla	<i>Water jet in cutting</i>

### Session II, 10:50 – 12:30, room A-G-05

10:50 – 11:00	Mardin Salih	<i>Hero's engine</i>
11:00 – 11:10	Diyar Dler Omer	<i>Hero's steam engine</i>
11:10 – 11:20	Nina Amanj	<i>Refrigeration cycles</i>
11:20 – 11:30	Danyar Mahmood	<i>Carbon dioxide in ice rink refrigeration</i>
11:30 – 11:40	Kozhin Hiwa	<i>Comparison between R134a and ammonia</i>
11:40 – 11:50	Hasan Ahmed Amer	<i>Comparison between R134a and R32</i>
11:50 – 12:00	Khalid Khairy Ahmed	<i>Binary refrigerant mixtures in refrigerators</i>
12:00 – 12:10	Las Ahmed Mohammed	<i>Virial equation applied to R134a</i>
12:10 – 12:20	Muhamed Tahir	<i>Virial equation applied to R1234yf</i>
12:20 – 12:30	Chenar Awat	<i>Virial equation applied to R410a</i>

### Session III, 13:20 – 15:00, room A-G-05 (part 1)

13:20 – 13:30	Bakhtyar Abdulkarim	<i>Internal flow</i>
13:30 – 13:40	Shwan Hussein	<i>Internal flow</i>
13:40 – 13:50	Shady Adly	<i>Superfluids in a Rankine cycle</i>
13:50 – 14:00	Ashna Jahfar	<i>Nano-based drilling fluid</i>
14:00 – 14:10	Zryan Ibrahim Ahmed	<i>Nano-based drilling fluid</i>

**Session III, 13:20 – 15:00, room A-G-05 (part 2)**

14:10 – 14:20	Banaz Hidaya	<i>Nano-based drilling fluid</i>
14:20 – 14:30	Marleen Falah	<i>Nano-based drilling fluid</i>
14:30 – 14:40	Zhalin Ibrahim	<i>Megasupramolecules</i>
14:40 – 14:50	Abdullah Fadhil	<i>Megasupramolecules</i>
14:50 – 15:00	Sando Burhan	<b>NO TITLE GIVEN</b>

**Session IV, 15:45 – 17:25, room A-G-05**

15:45 – 15:55	Soma Jamal Barzanji	<i>Combined water+methanol power cycles</i>
15:55 – 16:05	Mohammed Karim	<i>Generating gas power cycle</i>
16:05 – 16:15	Sonia Abdalla	<i>Hydropower systems</i>
16:15 – 16:25	Niga Kamal	<i>Hydropower systems</i>
16:25 – 16:35	Rayan Qasim	<i>Hydropower systems</i>
16:35 – 16:45	Bashar Jaafar Jasim	<i>Reusing heat rejected by a blowing machine</i>
16:45 – 16:55	Burhan Taha Ahmed	<i>Optimization of boundaries</i>
16:55 – 17:05	Dana Sidiq	<i>Optimization of boundaries</i>
17:05 – 17:15	Hawkar Yasin Anwar	<i>Equations of state for nitrogen</i>
17:15 – 17:25	Mardan Jalal Mustafa	<b>NO TITLE GIVEN</b>

**Session V, 18:15 – 19:55, room A-G-05**

18:15 – 18:25	Abdalla M. Salih	<i>Evacuated solar tubes</i>
18:25 – 18:35	Asuda Mahdi	<i>Evacuated solar tubes</i>
18:35 – 18:45	Sally Jameel	<i>Solar evacuated tubes</i>
18:45 – 18:55	Haval Hazhar	<i>Hero's steam engine</i>
18:55 – 19:05	Zardasht Azad	<i>Hero's steam engine</i>
19:05 – 19:15	Miran Ezzulddin	<i>Hero's steam engine</i>
19:15 – 19:25	Sewa Hawdang	<i>Solar refrigeration</i>
19:25 – 19:35	Roza Jawhar	<i>Solar refrigerant cooling system</i>
19:35 – 19:45	Saya Fuad	<i>Solar thermal energy for cooling</i>
19:45 – 19:55	(slot for late registration)	