

# الجمهورية الجزائرية الديمقراطية الشعبية

وزير التعليم العالي  
والبحث العلمي



كاتب الدولة المكلف  
بالجالية الوطنية بالخارج

بمشاركة الكفاءات الجزائرية بالخارج

## Material Sciences Teaching Program

الجامعة الصيفية للبحث العلمي والتكنولوجي

Scientific Research and technological Summer University  
Université d'été de la Recherche Scientifique et Technologique



بالتعاون مع جمعية الكفاءات الجزائرية

In collaboration with the Algerian Competences Association (ACA)  
Avec la collaboration de l'Association des Compétences Algériennes (ACA)



15-09 جويلية 2011 , جامعة تلمسان

July 9-15, 2011, Tlemcen University

9-15 Juillet 2011, Université de Tlemcen

**Material Sciences Program Directed by**

Dr. Nour-eddine Fenineche, FR, *Point of contact during the event*

Prof. Ali Mansri, DZ, *Point of contact during the event*

Dr. Sofiane Guessasmq , FR

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Friday, July 8, 2011	
	Participants Arrival
Saturday, July 9, 2011	
8h00 to 10h00	Registration and orientation
10h00 to 10h45	Official Inauguration <ul style="list-style-type: none"><li>Opening Speech by His Excellency Prof. Rachid Haraoubia, Minister of Higher Education and Scientific Research</li><li>Speech by Prof. Nouredine Ghouali, Rector of Tlemcen University</li><li>Speech by Dr Ali Becherirat, President of ACA Order Council</li></ul>
10h45 to 11h15	Coffee Break
11h15 to 11h45	<b>Prof. Hafid Aourag, Director General, DGRSDT</b> Directorate General for Scientific Research and Technological Development
11h45 to 12h15	<b>Dr. Mohamed Boudjelal, ACA President</b> Algerian Competences Abroad: What Could We Offer and How ?
12h15 to 14h00	Lunch
14h00 to 15h30	<b>Dr. Mohamed Boudjelal, UK</b> Rigour and Discipline in Research
15h30 to 16h00	Coffee Break
16h00 to 17h30	<b>Prof. Halim Boussabaane, Liverpool University, UK</b>  How to Get Published ?
17h30to 19h00	Meet the experts mentoring + students presentation
19h00 to 20h00	Dinner
20h00 to 21h00	Poster presentation-Free discussion

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Sunday July 10th 2011		
	Theme 1: ENGINEERING AND MATERIALS	Theme 2: NANOMATERIALS, COMPOSITES AND POLYMERS
9h00-10h30	Session 1 and 2 <b>Dr. Nouredine FENINECHE</b> Université de Technologie Belfort-Montbéliard, France Surfaces treatments : Coatings and Processes	
10h30-11h00	coffee break	
11h00-12h30	Session 2 <b>Dr. Zoubida BERKANE</b> Université Paris 7 / Ecole de Physique et de chimie de Paris / Université de Blida (Algérie) en partenariat avec l'OMS et service central d'analyse du CNRS, LYON. Synthèse et caractérisations de matériaux composites et greffés.	Session 2 <b>Dr. Karim BENHABIB</b> IUT de l' AISNE, département Génie Chimique - Génie des Procédés 'TRAITEMENTS DES EFFLUENTS LIQUIDES ET GAZEUX.
12h30-14h00	Lunch	
14h00-15h30	Poster Session - Meet the expert	
15h30-16h00	coffee break	
16h00-17h30	Session 3 <b>Dr. Mohammed Aoudia</b> Department of Chemistry, College of Science, Sultan Qaboos University. Surfactants: Fundamentals & Applications in the Petroleum Industry and Water Treatment	
17h30-19h00	meet the experts mentoring + student presentation	
19h00-20h00	Dinner and free networking	
20h00-21h00	Poster presentation + free discussion + student presentation	

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Monday July 11th 2011		
	Theme 1: ENGINEERING AND MATERIALS	Theme 2: NANOMATERIALS, COMPOSITES AND POLYMERS
9h00-10h30	Session 1 <b>Dr. Aziz ZENASNI</b> CEA-LETI/ MINATEC Campus (france) Dépôt couches minces, caractérisation et intégration de diélectriques. Le graphène : Du fondamental, à la croissance vers l'application	Session 1 <b>Dr. Abdelkader HAMMOU</b>  LEPMI-PHELMA  Conversion électrochimique de l'énergie
10h30-11h00	coffee break	
11h00-12h30	Session 2 <b>Dr. Nouredine FENINECHE</b>  Université de Technologie Belfort-Montbéliard, France  Surfaces treatments : Coatings and Processes	Session 2 <b>Dr. Ali Khettal</b>  Beliner Glas KGAA.,  Design et Conception des Systèmes Optiques et Photoniques
12h30-14h00	Lunch	
14h00-15h30	Poster Session - Meet the expert	
15h30-16h00	coffee break	
16h00-17h30	Session 3 <b>Dr. Mustapha REMOUCHE</b>  Université de Strasbourg et le Fond Conectus (région Alsace) ; Les Capteurs Photoniques de l'Innovation au Transfert de Technologie	Session 3 <b>Dr. Mohammed Zakaria Slimani</b>  Polymers and Soft Matter Group / Donostia International Physics Center (DIPC) Donostia- San SebastiánGipuzkoa (Spain) Dynamic heterogeneity in diblock copolymer.
17h30-18h00	coffee break	
18h00-19h00	meet the experts mentoring	
19h00-20h00	Dinner and free networking	
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Tuesday July 12th 2011

	Theme 1: ENGINEERING AND MATERIALS	Theme 2: NANOMATERIALS, COMPOSITES AND POLYMERS
	Session 1	Session 1
9h00-10h30	<b>Dr. Mohammed Aoudia</b> Department of Chemistry, College of Science, Sultan Qaboos University.  Surfactants: Fundamentals & Applications in the Petroleum Industry and Water Treatment	<b>Dr Halim Boussabaane</b> University of Liverpool  How to Get Published?
10h30-11h00	coffee break	
	Session 2	
11h00-12h30	<b>Dr. Omar Kebichi</b> IC Design and manufacture in nanotechnology	
12h30-14h00	Lunch	
14h00-15h30	Poster Session - Meet the expert	
15h30-16h00	coffee break	
	Session 3	Session 3
16h00-17h30	<b>Dr. Zoubida BERKANE</b> Université Paris 7 / Ecole de Physique et de chimie de Paris / Université de Blida (Algérie) en partenariat avec l'OMS et service central d'analyse du CNRS, LYON. Mises au point de systèmes chromatographiques	<b>Dr. Ali Khettal</b> Beliner Glas KGAA., Design et Conception des Systèmes Optiques et Photoniques
17h30-18h00	coffee break	
18h00-19h00	meet the experts mentoring + student presentation	
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	Theme 1: ENGINEERING AND MATERIALS	Theme 2: NANOMATERIALS, COMPOSITES AND POLYMERS
	Session 1	Session 1
9h00-10h30	<b>Dr. Mustapha REMOUCHE</b> Université de Strasbourg et le Fond Conectus (région Alsace) ; Les Capteurs Photoniques de l'Innovation au Transfert de Technologie	<b>Dr. Abdelkader HAMMOU</b> LEPMI-PHELMA Conversion électrochimique de l'énergie
10h30-11h00	coffee break	
	Session 2	Session 2
11h00-12h30	<b>Dr. M'hamed Boutaous</b> Centre de Thermique de Lyon (CETHIL) UMR CNRS 5008/Université Lyon 1/ INSA de Lyon Transformation des matériaux polymères et composites: inter action <i>Procédés - Structure et Comportement</i>	<b>Dr. Rabah Boukherroub</b> Groupe NanoBiointerfaces/ Institut de Recherche Interdisciplinaire (IRI) Functional Surfaces for Biosensing Applications
12h30-14h00	Lunch	
14h00-15h30	Poster Session - Meet the expert	
15h30-16h00	coffee break	
	Session 3	Session 3
16h00-17h30	Nouredine FENINECHE <b>Magnetic sensors design</b> Laboratoire LERMPS Université de Technologie Belfort-Montbéliard, France	<b>Dr. Rabah Boukherroub</b> Groupe NanoBiointerfaces/ Institut de Recherche Interdisciplinaire (IRI) Functional Surfaces for Biosensing Applications
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## Point of contact during the event

Dr. Nour-eddine Fenineche, FR, [nour-eddine.fenineche@utbm.fr](mailto:nour-eddine.fenineche@utbm.fr)

Prof. Ali Mansri, DZ, [alitimisen\\_60@yahoo.fr](mailto:alitimisen_60@yahoo.fr)

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Thursday, July 14, 2011

Closing Ceremony and Science day Conference  
in the presence of DGRSDT, MESRS and Secretaire d'état in Charge of the National  
Community Abroad

A day co-chaired by Prof. Maamar Bettayeb/Dr Ali Becherirat/ Si Ali Verin

08H30-09H	<b>Prof. Hafid Aourag, DGRSDT, DZ</b> <i>Algerian Vision For Science and Technology</i>
9H-10H	<i>First Keynote speaker : Prof. Youcef Kamel Toumi, MIT, USA</i> <i>Making The Impossible Possible</i>
10H-10H30	Coffee break
10H30-11H30	<i>Second Keynote speaker: Dr.Belgacem Haba, USA</i> <i>From an idea to a billion dollars: research in academia,</i> <i>companies, and independent research centres</i>
11H30-12H30	Presentation of attendance certificate per field to the group: <b>(5 minutes speech by one participant representing each field)</b>
12H30-14H	Lunch
14H-19H	<b>Close discussion between instructors and MESRS, DGRSDT,</b> <b>university rectors, directors of Algerian research centre etc. to</b> <b>identify collaboration and next steps</b>