

REPUBLIQUE DU NIGER

FRATERNITE – TRAVAIL – PROGRES



Ministère de l'Enseignement Supérieur,
de la Recherche et de l'Innovation

Secrétariat Général

Direction Générale des Enseignements
Direction de l'Enseignement Supérieur Public

N°.....MESR/I/SG/DGE/DESP

№ - 0074

Niamey, le 04 AVR 2017

La Secrétaire Générale

A

Monsieur le Secrétaire Général de
l'Université de Tillabéry

BORDEREAU D'ENVOI

Désignation	Nombre	Observation
Lettre N° 3(182) 2017-RDMEN du 15 mars 2017 relative Séminaire International Conjoint COMSTECH-CHT sur « Dessin Rationnel des matériels pour les Besoins en Energie : Computation et Expérimentation », MAI 2017	01	Pour information
Documents d'informations sur le séminaire	01	
TOTAL	02	



Mme SABO HAOUA SEINI MC



**SADE DU PAKISTAN
MEY, NIGER**



P. 00750

No Po I-1/17/2017

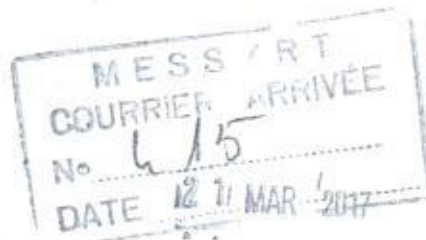
L'Ambassade de la République Islamique du Pakistan présente ses compliments au Ministère des Affaires Etrangères de la République du Niger et a l'honneur de lui faire parvenir pour transmission, une lettre adressée à S. E. Mr. Mohamed Ben Omar, Ministre de l'Enseignement Supérieur, de la Recherche et de l'Innovation, par le Coordonnateur Général du COMSTECH relative à un Séminaire International Conjoint COMSTECH-CIIT sur « Dessin Rationnel des Matériels pour les Besoins en Energie », mai 2017.

L'estimé Ministère de bien vouloir lui faire parvenir ladite lettre à sa plus haute destination.

L'Ambassade de la République Islamique du Pakistan saisit cette opportunité pour renouveler au Ministère des Affaires Etrangères de la République du Niger les assurances de sa plus haute considération.

PJ : (ci-haut indiqué)

M. Ibrahim Sani Abani,
Secrétaire Général,
Ministère des Affaires Etrangères,
République du Niger,
Niamey.



Niamey, le 15 mars 2017.



Ampliation

S. E. Mr. Mohamed Ben Omar,
Ministre de l'Enseignement Supérieur,
de la Recherche et de l'Innovation



COMSTECH

Traduction officielle en France

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Mercredi, le 15 mars 2017

S. E. Mr. Mohamed Ben Omar,
Ministre,
Ministère de l'Enseignement Supérieur,
de la Recherche et de l'Innovation,
Gouvernement de la République du Niger
B.P. 628, Niamey,
République du Niger.

Objet : Séminaire International Conjoint COMSTECH-CIIT sur « Dessin
Rationnel des Matériels pour les Besoins en Energie: Compu
Expérimentation », mai 2017.

Excellence,

Le COMSTECH en collaboration avec l'Institut du COMSATS pour la Techn
l'Information, Islamabad offre un séminaire sur « Dessin Rationnel des Matériels
Besoin en Energie: Computation et Expérimentation » du 22 au 26 mai
COMSTECH couvrira tous les frais liés à l'hébergement et l'hospitalité locale
nombre limité de participants et le billet d'avion sera supporté par les particip
mêmes.

Excellence votre Ministère est prié de bien vouloir désigner jusqu'à deux scientifi
cet événement. Nous vous saurions gré si les désignations sont envoyées avant le
2017. Les détails complémentaires et les formulaires de demande de particip
disponibles à l'adresse : <http://www.comstech.org/comstech-ciit-2017.aspx>. A
apprécierons si le département concerné du ministère est instruit pour con
possibilité de transmettre les brochures ci-jointes aux Universités et Centres de l
pour affichage afin que l'information arrive à un maximum de scientifiques.

Veillez agréer votre Excellence, l'assurance de ma plus considération et mes
égards.

Signé : Dr. Shaukat Hameed Khan
Coordonnateur Général du COMSTECH

**COMSTECH-CIT Joint International Workshop on
Rational Design of Materials for Energy Needs: Computation and Experimentation**

May 22-26, 2017

Venue: COMSTECH Secretariat, 33 Constitution Avenue, G-5/2, Islamabad, Pakistan

Deadline for Foreign Applicants: March 31, 2017

Deadline for Local Applicants: April 15, 2017

The main focus of this activity is to introduce students and young researchers to modern trends in experimentation and computation with their applications in materials discovery for energy needs. One of the objectives of this workshop is to provide training in the field of multiscale modeling and simulation of functional materials using accurate and robust techniques. Such techniques are now maturing to the extent of making quantitative predictions about the properties of materials by bridging the gap between the atomistic simulations and their engineering applications. The other objective is to familiarize participants with recent advances in experimental techniques that facilitate discovery, synthesis and characterization of novel materials. These experimental and computational techniques when working together constitute the basis for rational design of functional materials. This workshop is a five-day program that includes "crash courses" on modern theoretical, computational, and experimental methods with their applications in the process of rational design of materials for energy needs. Internationally renowned scientists will deliver their lectures by giving practical examples of materials design from their respective fields of research.

The secondary objective of this workshop is to foster collaborations among OIC and international researchers. Such collaborations will open new horizons for Pakistani students and young faculty to advance their knowledge about the world class research in their fields. Energy is the main sector where OIC countries are looking to have efficient and affordable technologies to fulfil their present day needs. The research in the area of rational material design provides a reliable way to progress in the direction of discovering new materials for energy production and storage, such as solar energy, photovoltaics, catalysis for alternative fuels, and battery technologies. It is quite timely to have this workshop for our students and researchers as it will help them get involved in projects which are linked with frontline global research on clean and affordable energy.

Topics Included:

- A Crash Course on Quantum Mechanical Approach to Materials: Density Functional Theory (DFT) Methods
- Crash Courses on Molecular Dynamics and Kinetic Monte Carlo Methods and their Applications to Surfaces
- Multiscale Modeling: Connecting the Scales together
- Computational Catalyst Design
- Tailoring Properties of 2D materials: Looking Beyond Graphene
- Novel Pathways in the Rational Design of Materials: An Application to Clean Energy
- Energy Storage and Conversion Materials
- Photo Water Splitting

Ref No. 3(182)/2017-RDMEN

Wednesday, March 15, 2017

H.E. Mohamed Ben Omar
Minister
Ministry of Higher Education & Scientific Research
Government of the Republic of Niger
P.O. Box 828, Niamey
Republic of Niger

Subject: COMSTTECH-CIIT Joint International Workshop on "Rational Design of Materials for Energy Needs: Computation & Experimentation" in May 2017

Excellency,

COMSTTECH, in collaboration with COMSATS Institute of Information Technology, Islamabad is offering a workshop on the subject of "Rational Design of Materials for Energy Needs: Computation & Experimentation" from May 22 to 28, 2017. COMSTTECH will cover all costs related to local hospitality and accommodation for a limited number of participants while air travel will be borne by the participants themselves.

Excellency's Ministry is requested to nominate up to two scientists for this event. We shall greatly appreciate if nominations are sent by the deadline of March 31, 2017. Further details and application forms are available on <http://www.comsttech.org/comsttech-ciit-2017.aspx>. It will also be appreciated if the relevant department of the Ministry is directed to kindly consider the possibility of forwarding the enclosed brochures to Universities and Research Institutes to display on their notice board so that it is brought into the knowledge of maximum number of scientists.

Assuring your Excellency of my highest consideration and best regards.



Dr. Shaukat Hameed Khan
Coordinator General