



Housing & Building National
Research Center



Izhevsk State
Technical
University (ISTU)

10th International Conference on NANO-TECHNOLOGY IN CONSTRUCTION

المؤتمر الدولي العاشر لتكنولوجيا النانو في الإنشاء

(NTC 2018)

13-17 April, 2018, Hurgada, Egypt



Egyptian-Russian
University (ERU)
الجامعة المصرية الروسية



Ministry of Housing,
utilities & urban
Communities

السيد الأستاذ الدكتور/ رئيس جامعة بورسعيد

تحية طيبة وبعد ،،،

إيماناً من المركز القومي لبحوث الإسكان والبناء بضرورة تفعيل دور البحث العلمي في خدمة المجتمع ومواكبة التطور العلمي والتكنولوجي وخاصة في مجال تكنولوجيا النانو في الإنشاء فإن المركز وبالتعاون مع الجامعة المصرية الروسية وجامعة إيجفسك التكنولوجية الروسية وتحت رعاية وزارة الإسكان والمرافق والمجمعات العمرانية وبمشاركة مركز بحوث وتطوير الفلزات وإتحاد مجالس البحث العلمي العربية يقوم بتنظيم:

" المؤتمر الدولي العاشر لتكنولوجيا النانو في الإنشاء "

10th International Conference on NANO-TECHNOLOGY IN CONSTRUCTION (NTC 2018)

خلال الفترة من 13-17 ابريل 2018 بالغردقة

حيث يهدف المؤتمر إلي إلقاء الضوء علي تطبيقات النانوتكنولوجيا في الإنشاء من خلال تفاعل وتلاقح نخبة من العلماء من مختلف الجامعات والمراكز البحثية المحلية والعالمية لمناقشة تطبيقات وطرق تحضير المواد والمركبات النانومترية المستخدمة في صناعة التشييد ومواد البناء والمجسات النانومترية للتنبؤ بالمخاطر وكذلك مواد التشطيبات المعمارية والبوليمرات والأغشية الرقيقة والمواد المقاومة للحريق المعالجة بالمواد النانومترية، كما يناقش تطبيقات النانوتكنولوجيا في مجالات كفاءة الطاقة والمباني صديقة البيئة والمستدامة.

ويعد هذا المؤتمر واحد من ضمن سلسلة مؤتمرات يعقدها المركز القومي لبحوث الإسكان والبناء سنوياً.

وإيماناً من المركز القومي لبحوث الإسكان والبناء بالدور الريادي والفاعل الذي يمثلته الباحثين في الجامعات في مختلف المجالات في خدمة الأنشطة البحثية وبصفه خاصه مجالات تكنولوجيا النانو.

وفي هذا الصدد نود التفضل بالإحاطة بأنه يسعدنا مشاركة سيادتكم وكذلك أعضاء هيئتكم الموقرة بإرسال أبحاثهم العلمية لإثراء فعاليات المؤتمر مع تعميم النشرة العلمية للمؤتمر طرفكم .

مرفق طيه النشرة العلمية للمؤتمر .

وتفضلوا بقبول فائق الإحترام والتقدير.....

سكرتير عام المؤتمر

أستاذ دكتور
M. H. H. H.
مجدى عبد الحميد هلال

للإشارة

عبد الحميد هلال

10th International Conference on
NANO-TECHNOLOGY IN CONSTRUCTION
(NTC 2018)
Hurgada, Egypt

Registration

Participants of the conference are asked to fill out the registration form available at the conference site.

Filled registration form is to returned to :

Website: www.ntchbrc.com

E-mail: info@ntchbrc.com

ntc_nano@yahoo.com

Language

The conference language is English. Presentations and proceedings will be in English.

Exhibition:

An exhibition will be held at the Hotel premises. For more details visit conference website.

Deadlines

Acceptance for abstract 01/12/2017
Submission of full manuscript 31/12/2017
Acceptance for full manuscripts 31/01/2018

| | |
|------------------------|---------------|
| Arrival & Registration | 13/04/2018 |
| Scientific activities | 14-16/04/2018 |
| Departure | 17/04/2018 |

Paper Submission

Prepare your paper according to the detailed requirements listed in the guidelines for preparation of the papers. The templates are available on the conference site. Please send your paper to conference E-mail.

Information Partners

Selected papers presented in this conference will be considered for publication in the following international peer reviewed journals:

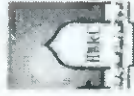
- 1) HBRC Journal (Egypt)
- 2) Construction Materials Journal (Russia)



Venue:

The venue of the conference is at Sunny Days El Palacio Resort & Spa, Hurgada.

ORGANIZERS



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(NTC 2018)

13-17 April, 2018
Hurgada, Egypt

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Second Call for Participation



NTC 2018 Conference on
Technology in Construction

10th International Conference on NANO-TECHNOLOGY IN CONSTRUCTION (NTC 2018)

Hurgada, Egypt

Introduction:

Nanotechnology is a technology that allows the development of materials with improved or totally new properties. Changing the properties of materials without affecting their chemical composition can now be easily achieved utilizing nanotechnology. The building and construction industry is a major beneficiary of nanotechnology due to its significant impact on improving the physical and mechanical properties of the materials. Therefore, it is considered to be a base for future development. The application of nanotechnology can be of great help in innovative green and sustainable construction.

This series of conferences started in 2009. The conference gathered participants from different countries in the world and provided a platform for discussing and reporting research results. HBRC, ERU and ISTU agreed upon organizing the current conference to explore potentials and facilitate the cooperation in nanotechnology fields.

Objectives:

This conference aims at stimulating international collaborative research in nanotechnology, discussing the application of recent related research results in the field and providing an opportunity for scientists and practicing engineers from different countries and disciplines to exchange ideas and experience.

Guidelines for preparation of papers:

Summaries and full texts of papers should be submitted in electronic form prepared using MS word 2003/2016, according to the template available on website www.ntchbrc.com. Manuscripts must be a max. of 12 A4 pages. The font is to be Times New roman, font size 12, single line spacing, margins (Top, Bottom, right, left) 25 mm. The text should include the title, authors names, degree, position, institution, telephone number, email address, abstract (1 paragraph) and keywords (5-8). All figures and tables should be enumerated and entitled.

Conference Themes

Themes of the conference include but are not limited to:

1. Nanoparticles synthesis and applications.
2. Nanoscale materials characterization.
3. Nanostructured or nanoporous materials and nanocomposites
4. Nanomaterials for structural health monitoring and sensing.
5. Application of nanotechnology in paints, coatings, layers and membranes.
6. Nanomaterials in architecture for energy efficiency, indoor environmental quality and sustainability.
7. Nano-technology's effect of fire performance.
8. Others.

Conference Fees:

For **Non Egyptian participants**, the conference registration fees excluding accommodation, transportation and social activities is **200 USD/Person** and **100 USD/Person** for Non Egyptian students.

A package for accommodation, internal transportation and social activities is available for **Non Egyptian participants** for **500 USD/Person** and **300 USD/Person** for Non Egyptian students.

For **Egyptian participants** the conference fees including accommodations (per person in double room) based on soft all inclusive basis, registration, social program and **bus** transportation between Cairo and Hurgada is as follows:

| Participant (EGP) | Companion of Participant (EGP) |
|-------------------|--------------------------------|
| 2900 | 1900 |

- Payment of fees must be:

- In cash or by cheque to "Egyptian Russian University" at the following address:
Housing & Building National Research Center
87 El Tahrir Str. Dokki, Giza, Egypt.
- or by Bank transfer to QNB Qatar National Bank Al Ahli, Account No. 00037 0015220313693251-38, Egyptian Russian university.
- **Payment for Non Egyptian participants must be:**
by Bank transfer to QNB Qatar National Bank Al Ahli, swift code QNB AEGCXXX, Account No. 00037 00152 20315560107-56, Egyptian Russian university.

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