

PROGRAM
OF THE UZBEK-CHINESE SCIENTIFIC FORUM ON NEW MATERIALS
3-4 May, 2024
3 May Tashkent, 4 May Parkent, Uzbekistan

3 May, 2024

- 9.30-10.00 **Meeting of participants and guests**
- Exhibition “New materials for the green economy”**
- 10.00-10.10 Opening. Greetings:
acad. B.Yuldashev, President of the Uzbekistan Academy of Sciences
prof.K.Sharipov - Minister for Higher Education, Science and Innovations of the Republic of Uzbekistan
Mr. Zhao Zhongyuan – Director of the Chinese Center for Technology Transfer of the SCO Member States
- 10.10-11.30 Getting to know the exhibits.
- Green energy technologies and materials;
- Low carbon technology;
- Materials for agriculture;
- Building materials;
- Biomaterials;
- Processing of man-made waste.
Meetings with Uzbekistan Companies
- 11.30-11.45 Coffee break
- The Uzbek-Chinese Scientific Forum on New Materials**
- 11.45 Opening
Moderator: **S.Mirzaev** – Vice President of the Academy of Sciences of the Republic of Uzbekistan
- 11.50-12.00 Greetings:
Dr. Sh.Rajabbaev – Director of Innovative Development Agency under Ministry for Higher Education, Science and Innovations of the Republic of Uzbekistan
Dr. Cai Yonglian, vice rector University of Shanghai for Science and Technology (USST)
Dr. O.Tuichiev – Rector of the Turin Polytechnic University in Tashkent
- First session**
- 12.00-12.20 “Modern Materials for Green Technologies” – **Dr. O.Parpiev**, Director of the Institute of Materials Science (Uzbekistan)
- 12.20-12.40 “China’s Scenario for Greenhouses with Functional Ceramic Composite Foils” – **Mr. Huang Jinzhao**, Chairman of the board of Shanghai Daedun Science and Technology Ltd. (China)
- 12.40-13.00 “Glass from sand to ceramics through the Silk Road” – **acad. D.Tulyaganov**, Turin Polytechnic University in Tashkent

13.00-13.05 The signing ceremony of the Memorandum between the Institute of Materials Science of Uzbekistan Academy of Sciences and the University of Science and Technology of Shanghai, China

13.10-14.20 Lunch – “Samarkand Plov” (Restaurant “Premium Bukhara”)

Second session

14.30 Moderator: **Prof. O.Ruzimuradov**, Professor at the Turin Polytechnic University in Tashkent

14.30-14.55 “Metal Oxide-based Photocatalysts for Artificial Carbon Cycle” – **Prof. Jingxiang Low**, Tiangong University, Tianjin; University of Science and Technology of China, Hefei, China

14.55-15.20 “Photocatalytic degradation of methylene orange using copper(II) oxide nanoparticles” **Dr. Shavkat Mamatkulov**, Head of laboratory of the Institute of Materials Science, Uzbekistan

15.20-15.45 “**Investigation of Electrical Properties of Graphene in-Situ Coating Functional Materials Based on Discharge Technology**” – **Prof. Dong Fang**, Kunming University of Science and Technology, Kunming, China

15.45-16.10 “Technologies and materials for the production, storage and use of green hydrogen” – **Prof. O.Ruzimuradov**, the Turin Polytechnic University in Tashkent (Uzbekistan)

16.10-16.30 “Effect of Fe and Cu impurity concentration on crystalline, optoelectronic and photocatalytic activity of ZnO nanostructures” – **Dr. U. Shaislamov**, National University of Uzbekistan

16.30-17.00 Discussions

Afternoon meetings

14.00-17.30 **Meetings in Ministries & Companies** (Chinese Center for Technology Transfer of the SCO Member States, Shanghai Daedun Science and Technology Ltd., Chinese companies)

14.00-15.00 Meeting with deputy Chairman of Almalik Mining Complex for R&D and Innovations

15.00-16.00 Meeting with the President of Uzbekistan Academy of Science

16.30-17.30 Meeting in the Ministry higher Education, Science and Innovations

18.00-20.00 Dinner on behalf of the organizers

4 May, 2024

Visit to a Parkent, Big Solar Furnace

10.00-10.30	Meeting of participants and guests (Parkent).
10.30-12.00	Tour of the facility “Big Solar Furnace”
12.00-13.00	Round Table discussion “Business and Science” Meeting with head of Parkent district authority
13.00-14.30	Lunch (Recreation Area “Zarkent”)
14.30-15.30	Cultural Programme (Concert)
16.00	Return to Tashkent