**ASRTU Arctic Summer School 2021**



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| **Zoom Platform, Moscow local time** | |
| **Friday, 25 June** | |
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| **09:00 -09:30** | **Logging in** |
| **09:30 - 10:15** | **Opening ceremony** |
| **10:15 - 11:00** | **Keynote lectures: Russian Arctic Strategy** |
| **11:15-12:00** | Konstantin Zaikov,  Northern Arctic Federal University (Russia)  **Northern Territories Governance**  Alexander Saburov  Northern Arctic Federal University (Russia) |
| *12:00 – 12:15* | *Break* |
| **12:15 - 13:00** | **Northern Sea Route: State and Perspectives** |
|  | Luidmila Siluanova  Northern Arctic Federal University (Russia) |
| *13:00* **-** *13:15* | *Break* |
| **13:15 - 14:00** | **Environmental Challenges in the Arctic** |
|  | Marina Nikitina  Northern Arctic Federal University (Russia) |
| *14:00 -16:00* | **Online tour around Arkangelsk/ Virtual excursion to the White Sea shore** |
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| **Saturday, 26 June** | |
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| **10:00 - 11:00** | **Challenges Associated with Arctic Oil and Gas Development** |
|  | Prof. Anatoly Zolotukhin  Gubkin Russian State University of Oil and Gas |
| **11:15 - 12:15** | **Prospects of Using Different Energy Resources in the High North** |
|  | Prof. Pavel Maryandyshev  Northern Arctic Federal University (Russia) |
| *12:15* **-** *12:45* | *Break* |
| **12:45 - 13:45** | **Laboratory Studies of Rock Samples and Hydrocarbons in the Arctic Oil and Gas Innovative Technological Centre** |
|  | Ivan Belozerov  Northern Arctic Federal University (Russia) |
| **14:00 - 15:00** | **New aspects in Reservoir Simulation**  Ramil Guliev |
|  | Northern Arctic Federal University (Russia) |
| *15.00 – 15.15* | *Break* |
| **15:15 - 16:15** | **Perspectives of Oil and Gas Resources Development in the Arctic (students group work, case contest)** |

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| **Sunday, 27 June** | |
| **10:00 – 11:00 Chinese lecturer (oil and gas topic)** | |
| **11:15-12:15 Chinese lecturer - Environmental Challenges** | |
| *12:15* **-** *12:30* | *Break* |
| **12:30 - 13:30 How visual environment influences human**  Anna Cherkasova  Northern Arctic Federal University (Russia) | |
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| *13:30* **-** *14:00* | *Break* |
| **14:00 - 15:00** | **Environmental Civil/Geotechnical Engineering in the Cold Regions**  Sergey Akseyonov |
|  | Northern Arctic Federal University (Russia) |
| *15:00* **-** *15:15* | *Break* |
| **15:15 - 16:00** | **Students group work on the projects** |
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| **Monday, 28 June** | |
| **09:00 – 10:00 Chinese lecturer (ice construction)** | |
| **10:15-11:15 Development of new multifunctional building materials suitable for extremely cold**  **weather conditions**  Maria Frolova,  Northern Arctic Federal University (Russia) | |
| *11:15* **-** *11:30* | *Break* |
| **11:30 - 12:30 Planning, design and post-evaluation of Arctic and Subarctic  architectural environment**  Elena Gontar,  Northern Arctic Federal University (Russia) | |
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| *12:30* **-** *13:00* | *Break* |
| **13:00 - 14:00** | "**Applying the Historic Urban Landscape Recommendation to Arctic Settlements: the case of Solovetsky Islands"**  Prof. Iamandi Krisitina |
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| *14:00* **-** *14:15* | *Break* |
| **14:15 - 15:15** | **Online tour around an open-air museum of the wooden architecture “Malye Korely”** |
| **15:30-16:15** | **Students group work on the projects** |
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| **Tuesday,29 June** | |
| **09:30 -10:15 NArFU case: Arctic expeditions "Arctic Floating University"**  *Virtual excursion to the Ship “Professor Molchanov”*  **10:15 – 12:00 Students group work on the projects** | |
| *12:00 – 13:00 Break* | |
| **13:00 - 15:00** | **Students Presentation session** |
| **15:00 - 15:30** | **Closing ceremony** |

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| In case of questions, please contact coordinators:  **Ms. Svetlana Pirogova**,  Head of International Communications Unit,  Phone: +7 (921) 244 87 93, e-mail: [**s.pirogova@narfu.ru**](mailto:s.pirogova@narfu.ru) |  |