**Brandenburg University of Technology Cottbus-Senftenberg (BTU CS) Dnipro University of Technology (NTU DP)**

**National University of Science and Technology MISIS**

**RUDN University**

**with Support of DAAD**

**Programme of the Study Seminars**

**“Transition to Sustainable Consumption and Production**

**in Industry: The Business Management Context”**

**20th October – 19th November 2021**

**(online)**

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| **First week** | | | |
| **20th October 2021**  **Wednesday** | 14:00 | **Key Lecture 2**: Sustainability and Bioeconomy Nexus: An Exploration to Effects, Contributions and Technological Innovations and Regional Perspectives | (Zoom)  Nicolas Sarmiento Sierra *BTU CS* |
| 16:00 | ***Panel discussion:*** Bioeconomy in Ukraine | (Zoom) |
| 1. Sustainable Land Use in an Industrial Region | Mykola Tregub  *Prof., PhD, NTU DP* |
| 1. Current State and Prospects of Bioeconomy in Ukraine | Maryna Pashkevych  *Prof., Dr.,* *NTU DP* |
| 1. Certification of Biomass Sustainability for Biofuel Production | Nataliia Dreshpak  *Ass.Prof.,* *PhD, NTU DP* |
| 18:00 | End of the day | |

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| **Second week** | | | |
| **28th October 2021**  **Thursday** | 10:00 – 11:30 | **Lecture 1.** **Closed-loop economics in the context of Sustainable Development:** Sustainable Development. The emergence of the concept and practice of sustainable development  **Лекция 1.** *(Внутренняя)* **Экономика замкнутого цикла в контексте устойчивого развития:** Устойчивое развитие. Появление понятия и практики устойчивого развития | (Teams)  Anna Kurbatova,  *Prof. of Institute of Ecology,*  *RUDN University*  Курбатова Анна |
| 11:30 – 13:00 | **Lecture 2.** From Linear Economics to Closed-loop Economics  **Лекция 2.** *(Внутренняя)* От линейной экономики к экономике замкнутого цикла | (Teams)  Anna Kurbatova,  *Prof. of Institute of Ecology,*  *RUDN University*  Курбатова Анна |
| **29th October 2021**  **Friday** | 16:30 – 18:00 | Master Class: Clean Water Act,· Safe Drinking Water Act,· WHO Standards,· EU Standards | (Zoom)  Dr. Kurbatova Anna ,  *Prof. of Institute of Ecology, RUDN University* |

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| **Third week** | | | |
| **1st November 2021 Monday** | **Thematic Session 3: Climate and Environmental Protection** | | |
| 10:00 – 11:30 | **Lecture 3.** Action plans for the transition to a closed-loop economy  **Лекция 3***(Внутренняя)***.** Планы действий по переходу к экономике замкнутого цикла | (Teams)  Anna Kurbatova,  *Prof. of Institute of Ecology,*  *RUDN University*  Курбатова Анна |
| 11:30 – 13:00 | **Lecture 4.** Waste management  [Лекция 4*(Внутренняя)*. Обращение с отходами](#_Toc40995818) | (Teams)  Anna Kurbatova,  *Prof. of Institute of Ecology,*  *RUDN University*  Курбатова Анна |
| 14:00 | **Key Lecture 4**: Communicating Climate Change under Article 12 of the Paris Agreement | (Zoom)  Niyanta Shetye  *BTU CS* |
| 15:30 | (Zoom)  ***Panel discussion:*** Decarbonization for Highly Polluting Industries: Metallurgy and mining | |
| 16:30 | Break | |
| 16:45 | ***Distance business game:*** Greenhouse Gas Free City through Renewable Energy | (Zoom)  *Moderator:*  Tetiana Kuvaieva  *Ass.Prof.,* *PhD, NTU DP* |
| 17:45 | End of the day | |
| **2nd November 2021 Tuesday** | 14:00 | **Key Lecture 5**: Transformative and Regenerative Climate Adaptation | (Zoom)  Laueline Simon Krishewsky  *One Resilient Earth, Bonn, Germany* |
| 18:30 | End of the day | (e-Platform of the Partner University) |
| **5th November 2021 Friday** | 16:30  –  18:00 | **Master Class: Surface Water Standards:** Drinking water quality of the centralized water supply and public health risk assessment (Case Study in the town of Aprelevka and Novogorsk microdistrict, Moscow) | (Zoom)  Dr. Kurbatova Anna ,  *Prof. of Institute of Ecology*  RUDN University |

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| **Fourth week** | | | | |
| **8th November 2021 Monday** | **Thematic Session 4: Energy Management Systems** | | | |
| 14:45 | **Key Lecture 6**: Energy Management System ISO 50001: Implementation in Industry | (Webex)  Robert Atkinson  *Arcadis, Germany* | |
| 16:15 | Break | | |
| 17:30 | ***Distance business game:*** Preparing PJSC Dniprometiz for the Implementation of an Energy Management System | (Webex)  *Moderator:*  Nataliia Dreshpak  *Ass.Prof.,* *PhD, NTU DP* | |
| 18:00 | End of the day | | |
| **9th November 2021 Tuesday** | 16:30  –  18:00 | ***Lecture Sources of water pollution*** Water Resources, The Hydrologic Cycle | | (Zoom)  Dr. Kurbatova Anna ,  *Prof. of Institute of Ecology*  RUDN University |
| **11th November 2021 Thursday** | 10:00  –  11:30 | **Лекция 1***(Внутренняя)***.** Мирный атом. Обзор современных ядерных технологий | | (Teams)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 12:00 – 13:30 | ***Lecture 1***: Concept Industrial and educational entrepreneurship | | (Zoom)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| **12th November 2021 Friday** | 10:00  –  11:30 | **Лекция 2***(Внутренняя)***.** Мирный атом. Ядерные технологии в агропромышленном комплексе | | (Teams)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 12:00 – 13:30 | ***Lecture 2***: Overview of the renewable energy market | | (Zoom)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 16:30  –  18:00 | **Lecture Sources of water pollution:** Classification of Sources of water pollution, Continuous and instantaneous sources, Sources of Chemical Water Pollution | | (Zoom)  Dr. Kurbatova Anna ,  *Prof. of Institute of Ecology*  RUDN University |

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| **Fifth week** | | | |
| **15th November 2021**  **Monday** | 10:00  –  11:30 | **Лекция 3***(Внутренняя)***.** Мирный атом. Ядерные технологии в медицине | (Teams)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 12:00 – 13:30 | ***Lecture 3***: Advanced renewable energy technologies | (Zoom)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 14:45 | **Key Lecture 8**: Moving from Voluntary to Mandatory Sustainability Standards | (Webex)  Robert Atkinson  *Arcadis, Germany* |
| 16:15 | Break | |
| 18:00 | (Webex)  ***Seminar at the BTU:*** Towards Sustainable Production and Consumption | |
| 19:00 | End of the day | |
| **16th November 2021 Tuesday** | 10:00  –  11:30 | **Лекция 4***(Внутренняя)***.** Мирный атом. Ядерные технологи*(Внутренняя)*и в энергетике | (Teams)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 12:00 – 13:30 | ***Lecture 4***: Economics of the renewable energy market | (Zoom)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 16:30  –  18:00 | **Master class:** Contribution of Solid Waste to Climate Change | (Zoom)  Dr. Kurbatova Anna ,  *Prof. of Institute of Ecology*  RUDN University |
| **17th November 2021**  **Wednesday** | 12:00 – 13:30 | ***Lecture 5:*** Digitalization of renewable energy sources | (Zoom)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 16:30 – 18:00 | ***Lecture:***Impact of biogas flaring on distruction of hazardous components: Case stady landfill «Kuchino» | (Zoom)  Dr. Kurbatova Anna ,  *Prof. of Institute of Ecology* RUDN University |
| **18th November 2021**  **Thursday** | **Thematic Session 5: The Involvement of Citizens in Matters Relating to Environmental Sustainability** | | |
| 12:00 – 13:30 | ***Lecture 6:***Project - presentations on the possibilities of implementing business projects in different regions of the world | (Zoom)  Dr. Masamba Kah ,  *NUST “MISiS”* |
| 14:00 | ***Key Lecture 9***:Citizen Science – A New Tool for Tackling Environmental Issues at Grass Root Levels? Examples from Resources Nexus Problems | (Zoom)  Sabrina Julie Kirschke *United Nations University*  *Dresden, Germany* |
| 16:00 | End of the day | |

**Links:**

Zoom

<https://goethe-institut.zoom.us/j/86387664599?pwd=MzU5SXBKYy9UT1gwL2tuZlVjR0ZiUT09>

Meeting ID: 863 8766 4599

Passcode: H5vMN+

Webex

<https://b-tu.webex.com/b-tu-en/j.php?MTID=mb0683e722edb29d3343e8abe6b025f9b>

Данные ссылки на все дни и все общие лекции на английском языке

Внутренние лекции на русском языке будут проводиться на платформе Microsoft Teams.

Ссылки будут высланы отдельно.

Время везде указано московское