

Creativity as an Exact Science: 1st edition - September 20-22, 2010

| Monday 20th | | | |
|----------------|-------|--------------------------|--|
| 9:00 | 10:25 | Olga Bogatyreva | What and how to ask Nature - Practical application of System theory |
| 10:25 | 10:50 | | Questions and Answers - Open Discussion |
| 10:50 | 11:10 | | Break |
| 11:10 | 12:35 | Sara Greenberg | System approach: biological vs. "man made" system functions |
| 12:35 | 13:00 | | Questions and Answers - Open Discussion |
| 13:00 | 14:00 | | Lunch Time |
| 14:00 | 15:25 | Valeriy Prushinskiy | Hybridization of Alternative Systems |
| 15:25 | 15:50 | | Questions and Answers - Open Discussion |
| 15:50 | 16:10 | | Break |
| 16:10 | 18:00 | Dmitry Kucharavy (coord) | Why do we need biological methods and systems found in nature for inventive problem solving (1) |
| | | | Panel Discussion |
| Tuesday 21th | | | |
| 9:00 | 10:25 | Valeriy Prushinskiy | Basic Schemes of Hybridization |
| 10:25 | 10:50 | | Questions and Answers - Open Discussion |
| 10:50 | 11:10 | | Break |
| 11:10 | 12:35 | Olga Bogatyreva | What and how to ask Nature - Ants as inventors: principles of ant bureaucracy |
| 12:35 | 13:00 | | Questions and Answers - Open Discussion |
| 13:00 | 14:00 | | Lunch Time |
| 14:00 | 15:25 | Nikolay Bogatyrev | Black Sheep and White Crow: interpretation of natural principals to engineering |
| 15:25 | 15:50 | | Questions and Answers - Open Discussion |
| 15:50 | 16:10 | | Break |
| 16:10 | 17:35 | Valeriy Prushinskiy | Hybridization of Populations |
| 17:35 | 18:00 | | Questions and Answers - Open Discussion |
| 19:00 | 23:30 | | Dinner and night walk in Florence |
| Wednesday 22th | | | |
| 9:00 | 10:25 | Dmitry Kucharavy | Use of Science & Technology Information (Databases) within TRIZ-process of inventive problem solving |
| 10:25 | 10:50 | | Questions and Answers - Open Discussion |
| 10:50 | 11:10 | | Break |
| 11:10 | 12:35 | Nikolay Bogatyrev | Human attitude to nature: principles of Eco-Design |
| 12:35 | 13:00 | | Questions and Answers - Open Discussion |
| 13:00 | 14:00 | | Lunch Time |
| 14:00 | 15:25 | Sara Greenberg | Improving systems functional performance |
| 15:25 | 15:50 | | Questions and Answers - Open Discussion |
| 15:50 | 16:10 | | Break |
| 16:10 | 18:00 | Gaetano Cascini (coord) | What do we need from biological methods and systems found in nature for inventive problem solving |
| | | | Panel Discussion |