

MADNano

| # | Time | Speaker | Affiliation | Title |
|--------------------------|---------------|---|--|---|
| Morning Session | | | | |
| 1 | 09:00 – 09:15 | J. Alexander Liddle and Igor Medintz | U.S. Naval Research Laboratory | Welcome Remarks |
| 2 | 09:15 – 09:45 | Samuel Schaffter | Johns Hopkins University | Towards a synthetic genome for materials: Challenges beyond the test tube |
| 3 | 09:45 – 10:15 | Michael Zwolak | National Institute of Standards and Technology | Nurturing Nature for Nanotechnology |
| 4 | 10:15 – 10:45 | Niksa Roki | University of Maryland | In vivo Biodistribution of an Anti-ICAM-Functionalized Drug Delivery Nanocarrier made of DNA (3DNA) |
| | 10:45 – 11:00 | Break – Coffee and Refreshments | | |
| 5 | 11:00 – 11:30 | Ming Zheng | National Institute of Standards and Technology | Controlling Carbon Nanotubes by DNA: from Separation to Integration |
| 6 | 11:30 – 12:00 | Lorena Parlea | National Cancer Institute | RNA Nanoparticles as Triple-Modality Immunotherapy |
| 7 | 12:00 – 12:30 | Steve Armentrout | Parabon NanoLabs | A novel computer-aided design (CAD) system for DNA nanotechnology |
| | 12:30 – 01:00 | Lunch Break | | |
| Afternoon Session | | | | |
| 8 | 01:00 – 01:30 | Sebastian Diaz | U.S. Naval Research Laboratory | DNA origami as a high-density fluorophore template for improved molecular photonic wires |
| 9 | 01:30 – 02:00 | Emily Luteran | University of Maryland | Self-Assembled 3D DNA Crystals as Vehicles for Drug Delivery |
| 10 | 02:00 – 02:30 | Sanghwa Jeong | University of California, Berkeley | High Throughput Evolution of Near-Infrared Serotonin Nanosensors |
| | 02:30 – 03:45 | Poster Session – Coffee and Refreshments | | |
| 11 | 03:45 – 04:15 | Ming Gao | N.C. State University | Progress Towards Development of Self-Assembled Three-Dimensional Electronic Systems with DNA Hydrogel |
| 12 | 04:15 – 04:45 | Remi Veneziano | George Mason University | Highly Customizable Scaffolds for Assembly of Multi-Functional DNA Origami |
| 13 | 04:45 – 05:15 | Jacob Majikes | National Institute of Standards and Technology | Discussion: The Future of Nucleic Acid Nanotechnology |
| Closing Remarks | | | | |