

The 2007 Awardees

The list of the 2007 Awardees includes researchers who will be based in 8 countries – Czech Republic, France, Germany, the Netherlands, Poland, Sweden, Switzerland and Turkey.

Here is the list of 2007 winners, in alphabetical order, and indicating the country of the supporting research institution. Click the name of each winner to see detailed information about their project:

- [Dr. Anastasia Ailamaki](#) (Switzerland) - Efficient data management for scientific applications
- [Dr. Jeroen J.L.M. Cornelissen](#) (The Netherlands) - Virus Capsids as Confined Reaction Spaces
- [Dr. Nynke Hester Dekker](#) (The Netherlands) - Molecular Motors Handling DNA and RNA: Single-Molecule Experiments and Implications for Cellular Function
- [Dr. Hilmi Volkan Demir](#) (Turkey) - Novel molecular optoelectronic nanodevices hybridized on micro chips for new functionality
- [Dr. Andre Fischer](#) (Germany) - Epigenetic mechanisms in learning processes, age related cognitive decline and neurodegenerative diseases
- [Dr. Karl Albert Gademann](#) (Switzerland) - Directing neurite outgrowth through syntetic natural products
- [Dr. Sonia Garel](#) (France) - Wiring the forebrain: roles and mechanisms of tangential cell migration in the basal ganglia
- [Dr. Oscar Gelderblom](#) (The Netherlands) - The evolution of financial markets in Pre-Industrial Europe: A Comparative Analysis
- [Dr. Masaki Hori](#) (Germany) - Precise laser and microwave spectroscopy of antimatter atoms – new techniques to manipulate antimatter
- [Dr. Kerstin Lindblad-Toh](#) (Sweden) - Disease gene mapping and functional genomics in the domestic dog
- [Dr. Matthias Lutolf](#) (Switzerland) - Bioengineering Microarrayed Stem Cell Niches
- [Dr. Gregor Rainer](#) (Switzerland) - Cholinergic Mechanisms of Learning and Cognition
- [Dr. Philippe Schlenker](#) (France) - Presupposition: A Formal Pragmatic Approach

- Dr. Kai Phillip Schmidt (Germany) - Exotic phases and excitations of unconventional Mott insulators
- Dr. Martin Schnabl (Czech Republic) - Exploring String Field Theory - Can It Explain Quantum Birth of the Universe or Properties of Elementary Particles?
- Dr. Natalie Sebanz (Germany) - Cognitive and Neural Mechanisms of Joint Action
- Dr. Sylvia Serfaty (France) - Mathematical study of some equations related to physics, mechanics and optimal control
- Dr. Terence Strick (France) - Single-molecule studies of biological nanomachines
- Dr. Rufin VanRullen (France) - Perceptual and Attentional Dynamics: Periodic Operations of the Brain
- Dr. Maciej Wojtkowski (Poland) - Structural and functional imaging by Fourier domain Optical Coherence Tomography with Optical Frequency Comb method