



FIZ CHEMIE Berlin-Prize

Competition and rules of participation

1. The FIZ CHEMIE Berlin-Prize has been awarded annually since 2001. Prizes are given for one doctoral dissertation and one diploma thesis. The topics of the works must be related to one of the specialist fields of the Chemistry-Information-Computer (CIC) group within the German Chemical Society (GDCh) and represent important contributions to the further development of these fields.
2. The FIZ CHEMIE Berlin-Prize consists of prize money of € 500 for the winning doctoral dissertation and € 250 for the chosen diploma thesis, together with certificates stating the accomplishments of the prize winners. The award ceremony is held at the „German Conference on Chemoinformatics“ of the CIC group of the German Chemical Society (GDCh) or a comparable GDCh event, at which the award-winning works are showcased in the form of presentations or posters.
3. Nominations may be submitted by the academic advisors of the doctoral and diploma candidates. The prerequisite for application for this award is that the doctoral dissertation or diploma thesis received a mark of „Excellent“. Candidates must have completed their examination for the doctorate or their undergraduate course of study no more than one year before the date of the application. Nominations must be submitted in electronic form (in PDF format or as a CD) with a brief statement of the grounds for nomination, or, depending on the circumstances, as publications of the results relevant to the CIC.
4. Nominations can be submitted at any time to the office of the German Chemical Society (GDCh). The application deadline is always July 31 of the relevant year. Early submission is desirable.
5. The jury consists of at least two members appointed by the board of directors of the CIC and the managing director of FIZ CHEMIE. The academic advisors of the authors of the nominated works may not be appointed to the jury. The decision on the prize winners is made by an absolute majority of all current members of the board of directors of the CIC after receipt of the jury's report.



Previous prize winners and their award-winning works:

2011

Daniel Moser, Frankfurt am Main, for his diploma thesis "Automatic Extraction of 3-D Pharmacophoren"

Dr. Volker Dirk Hähnke, Frankfurt am Main, for his dissertation "Text-Based Similarity Searching for Hit- and Lead-Candidate Identification"

2010

Karen Schomburg, Hamburg, for her master dissertation "Visualization of molecular subgraph patterns using the example of SMARTS expressions"

Dr. Simone Fulle, Düsseldorf, for her dissertation "Constraint counting on RNA and ribosomal structures: Linking flexibility and function"

2009

Frank Tristram, Karlsruhe, for his diploma thesis "Modellierung der Hauptkettenbeweglichkeit in der rechnergestützten Medikamentenentwicklung"

Dr. Jose Batista, Bonn, for his dissertation "Analysis of Random Fragment Profiles for the Detection of Structure-Activity Relationship"

2008

Andreas Jahn, Tübingen, for his diploma thesis "Incorporating Molecular Flexibility into three-dimensional Structural Kernels"

Dr. Oliver Korb, Konstanz, for his dissertation "Efficient Ant Colony Optimization Algorithms for Structure- and Ligand-Based Drug Design"

2007

Dr. Ole Kayser, Hamburg, for his diploma thesis "Efficient Methods for the Generation of Bioactive Conformers of Small Molecules"

Dr. Lars Schäfer, Göttingen, for his dissertation "Photoactivated Processes in Condensed Phase studied by Molecular Dynamics Simulations"

2006

Birte Seebeck, Hamburg, for her diploma thesis „Modellierung von Metallwechselwirkungsgeometrien für das Protein-Ligand Docking Problem“

Dr. Alexander Schug, San Diego/USA, for his dissertation "Free-Energy Simulations using Stochastic Optimization Methods for Protein Structure Prediction"

2005

Michael Meissner, Frankfurt am Main, for his diploma thesis „Ein metaoptimierender Partikelschwarm-Algorithmus zum Training künstlicher neuronaler Netze“

Dr. Andreas Fuchs, Kiel, für his dissertation „Design und Synthese von Liganden für das Lektin FimH“



Previous prize winners and their award-winning works:

2004

Dr. Edgar Luttmann, Paderborn, for his dissertation „Molecular-Modelling Untersuchungen auf dem Weg zum Verständnis der Alzheimer'schen Krankheit“

2003

Gabriele Vierhuff, Bremen, for her diploma thesis „Konzeption und Design eines Systems zur Anwendung von Struktur-Wirkungs-Beziehungen auf die Risikoanalyse von Umweltchemikalien“

Dr. Frank Oellien, Schwabenheim, for his dissertation „Algorithmen und Applikationen zur interaktiven Visualisierung und Analyse chemiespezifischer Datensätze“

2002

Frauke Meyer, Heidelberg, for her diploma thesis „Calculation of Binding Free Energies including Protein Flexibility“

Dr.-Ing. Matthias Keil, Darmstadt, for his dissertation „Modellierung und Vorhersage von Strukturen biomolekularer Assoziante auf der Basis von statistischen Datenbankenanalysen“

2001

Dr. Andreas Bohne-Lang, Heidelberg, for his dissertation „Ein wissensbasiertes System zur schnellen Erzeugung von 3D-Strukturen relevanter N-Glykane sowie ihrer mimikrierenden Glykoclusterstrukturen“

Applications should be sent to the office of the German Chemical Society (GDCh) at the following address:

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