

## Annual Alumni Awards

The JAACS is the Alumni Association of the three Computer Science Institutes INF, IIUN and DIUF of the Universities of Bern, Neuchâtel, and Fribourg. **More information about the association and how to register can be found at <https://www.jointalumni.ch/admission>.** The annual fee is CHF 50. Former members of the IAM who join JAACS automatically become members of the Alumni UniBE and benefit from several additional offers and activities.

The JAACS annually awards a prize for the best Bachelor, Master, and Doctoral thesis at the INF, IIUN and DIUF that was defended during the academic year. They are selected by the respective institutes and are presented the award at the institute's end-of-year event.

### Prize Winners

Please note that the *joint* alumni association will award prizes at the three institutes starting in 2014. Before 2014, the alumni organisation only existed in Bern and therefore prizes were only awarded to Bern students.

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| 2017 | PhD INF for "Contributions to Intuitionistic Epistemic Logic", by Michel Marti  |
| 2017 | PhD IIUN for "Approaches for Cloudification of Complex High Performance Simulation Systems ", by Andrei Lapin                 |
| 2017 | PhD DIUF for "A Framework for Abstracting, Designing and Building Tangible Gesture Interactive Systems", by Leonardo Angelini |
| 2017 | Master INF for "An Approach to Unsupervised Visual Representation Learning", by Simon Jenni                                   |
| 2017 | Master DIUF for "Using Linear Discriminant Analysis for Deep Neural Network Initialization", by Michele Alberti               |
| 2017 | Bachelor INF for "Machine Learning for Indoor Positioning", by Joel Niklaus   |
| 2017 | Bachelor DIUF for "Simple Protocol for Encrypted Messaging (SPEM)", by Simon Studer   |
| 2016 | PhD DIUF for "Entity-Centric Knowledge Discovery for Idiosyncratic Domains", by Roman Prokofyev                               |
| 2016 | PhD INF for "Uncertain Reasoning in Justification Logic", by Ioannis Kokkinis   |
| 2016 | Master DIUF for "Dynamic Tailored Intervention System", by Fabio Sodani   |
| 2016 | Master INF for "Improving live debugging of concurrent threads", by Max Leske   |
| 2016 | Bachelor DIUF for "Interactive dance visualisation – a collaboration between art and technology", by Valentine Bernasconi     |

- 2016 Bachelor INF for “Universal Large Scale Sensor Network”, by Jakob Schaerer and Severin Zumbrunn
- 2015 PhD INF for “On Modeling and Simulating Reptile Skin Coloration”, by Daljit Singh
- 2015 PhD DIUF for “A Model-Driven, Component Generation Approach for the Web of Things”, by Andreas Ruppen
- 2015 Master INF for “Agent-Based Data Retrieval for Opportunistic Content-Centric Networks”, by Tobias Schmid
- 2015 Master DIUF for “Data Skepticism in Practice - Online Anomaly Detection over Big Data Streams”, by Laura Rettig
- 2015 Bachelor INF for “proof of the arithmetical equivalence of EC with full induction and ACA”, by Paul Frischknecht
- 2015 Bachelor DIUF for “Boids Simulator: Un framework pour concevoir des simulations dynamiques et interactives de groupes d’individus”, by Jocelyn Thode
- 2014 PhD IAM for „Image Space Adaptive Rendering“, by Fabrice Rousselle
- 2014 PhD IIUN for “Topology-aware protocols, tools and applications for large-scale distributed systems”, by Valerio Schiavoni
- 2014 Master IAM for „3D Light Field Photography and Applications“, by Siavash Bigdeli
- 2014 Master DIUF for „Geometric Relations in Interest Point Based Writer Identification“, by Marcel Würsch
- 2014 Bachelor IAM for „Diffraction Shaders“, by Michael Single
- 2014 Bachelor DIUF for „Le Web des Objets, de la théorie à la pratique“, by Numa de Montmollin
- 2013 Der Preis für die Dissertation geht an **Dandolo Flumini** für seine Arbeit „**Weak Well Orders**“.
- 2013 Der Preis für die Masterarbeit geht an **Marius Schwalbe** für seine Masterarbeit „**Design and Development of an Endoscope Calibration Method and Unit for Laparoscopic Image Guidance Systems**“.
- 2013 Der Preis für die Bachelorarbeit geht an **Aaron Karper** für seine Bachelorarbeit „**A Programming Language Oriented Approach to Computability**“.
- 2012 Der Preis für die Disseration geht an **Samuel Bucheli** für seine Arbeit „**Traffic-Adaptive and Link-Quality-Aware Communication in Wireless Sensor Networks**“.
- 2012 Der Preis für die Masterarbeit geht an **Simon Morgenthaler** für seine Masterarbeit „**UAVNet: A Prototype of a Highly Adaptive and Mobile Wireless Mesh Network Using Unmanned Aerial Vehicles**“.
- 2012 Der Preis für die Bachelorarbeit geht an **Sandro Beffa** für seine Bachelorarbeit „**Implementing and Evaluating Communication Protocols for Reliable Multicast in Wireless Sensor Networks**“.
- 2011 Der Preis für die Dissertation geht an **Philipp Hurni** für seine Arbeit „**Traffic-Adaptive and Link-Quality-Aware Communication in Wireless Sensor Networks**“.
- 2011 Der Preis für die Masterarbeit geht an **Ulrich Bürgi** für seine Masterarbeit „**Performance Optimization for TCP-based Wireless Sensor Networks**“.
- 2011 Der Preis für die Bachelorarbeit geht an **Max Leske** für seine Bachelorarbeit „**The Genesis of Pharo: The Complete History of Pharo with Git**“.
- 2010 Der Preis für die Dissertation geht an **Dragan Milic** für seine Arbeit „**Error Resilient and Robust Overlay Networks**“.
- 2010 Der Preis für die Masterarbeit geht an **Manuela Stolz** für ihre Masterarbeit „**Verification of Workflow Control-Flow Patterns with the SPIN Model Checker**“.
- 2010 Der Preis für die Bachelorarbeit geht an **Florian Gysin** für seine Bachelorarbeit „**Trust this Code? - Improving Code Search Results through Human Trustability Factors**“.
- 2009 Der Preis für die Dissertation geht an **Kaspar Riesen** für seine Arbeit „**Classification and Clustering of Vector Space Embedded Graphs**“.

- 2009 Der Preis für die Masterarbeit geht an **Luca Bettosini** für seine Masterarbeit „**Quality of Service for Overlay Multicast Content Adressable Network**“.
- 2009 Der Preis für die Bachelorarbeit geht an **Camillo Bruni** für seine Bachelorarbeit „**Development and Debugging of a Whole-System VM in RPython**“.
- 2008 Der informatica 08 - Spezialpreis geht an **Lea Hänsenberger** für ihre Bachelorarbeit „**JExample**“.
- 2008 Der Preis geht an **Andreas Fischer** für seine Masterarbeit „**Classification of dissimilarity space embedded graphs**“.
- 2007 Der Preis geht an **Marcus Liwicki** für seine Dissertation „**Recognition of Whiteboard Notes - On-Line, Off-Line and Combination**“.
- 2006 Der Preis geht an **Michael Meyer** für seine Masterarbeit „**Scripting Interactive Visualizations**“.

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