

## Hendrik Bohn

Dr.-Ing. Hendrik Bohn



### Forschungsgebiete - Dissertation

Web service composition for embedded systems - WS-BPEL extension for DPWS

### Projekte

- LOMS - Local Mobile Services (EU-ITEA2/BMBF)
- WS4D - Web Services for Devices

### Publikationen

Vlado Altmann, Hendrik Bohn, Frank Golasowski:

**Web Services for Embedded Devices**  
The Industrial Communication Technology Handbook 2nd Edition, CRC Press, Boca Raton, Florida, USA, Juli 2014

Hendrik Bohn, Frank Golasowski:

**Web Services for Embedded Devices**  
In Embedded Systems Handbook - Embedded Systems Design and Verification, Editor Richard Zurawski, CRC Press, S. 19-1 – 19-31, ISBN: 978-1-4398-0755-2, Boca Raton, Florida, USA, Juni 2009

Hendrik Bohn:

**Web Service Composition for Embedded Systems A WS-BPEL Extension for DPWS**  
Sierke Verlag, ISBN: 978-3-86844-108-6, Göttingen, Deutschland, Februar 2009

Andreas Bobek, Elmar Zeeb, Hendrik Bohn, Frank Golasowski, Dirk Timmermann:

**Device and Service Templates for the Devices Profile for Web Services Folien**  
6th International IEEE Conference on Industrial Informatics INDIN'08, pp. 797-801, ISBN: 978-1-4244-2171-8, Daejeon, Korea, Juli 2008

Hendrik Bohn, Frank Golasowski, Dirk Timmermann:

**Dynamic Device and Service Discovery Extension for WS-BPEL Folien**  
2008 International Conference on Service Systems and Service Management (ICSSSM'08), S. 278-283, ISBN: 978-1-4244-1672-1, Melbourne, Australien, Juni 2008

Hendrik Bohn, Andreas Bobek, Frank Golasowski:

**WS-BPEL Process Compiler for Resource-Constrained Embedded Systems Folien**  
3rd International IEEE Workshop on Service Oriented Architectures in Converging Networked Environments (SOCNE 08) in conjunction with IEEE 22nd AINA2008, S. 1387-1392, ISBN: 978-0-7695-3096-3, Ginowan, Okinawa, Japan, März 2008

Hendrik Bohn, Frank Golasowski, Dirk Timmermann:

**Sind Prozessmanagementsysteme auch auf eingebetteten Systemen einsetzbar? Folien**  
12. Symposium Maritime Elektrotechnik, Elektronik und Informationstechnik, S. 151-156, Rostock, Deutschland, Oktober 2007

Elmar Zeeb, Andreas Bobek, Hendrik Bohn, Steffen Prüter, Andre Pohl, Heiko Krumm, Ingo Lück, Frank Golasowski, Dirk Timmermann:

**WS4D: SOA-Toolkits making embedded systems ready for Web Services**  
Open Source Software and Productlines 2007 (OSSPL07), (Proceedings: [www.itea-cosi.org/modules/docmanager/get\\_file.php](http://www.itea-cosi.org/modules/docmanager/get_file.php) ), Limerick, Irland, Juni 2007

Markus Zajac, Brigitte Oesterdiekhoff, Chris Loeser, Hendrik Bohn:

**Bilateral service mapping approaches between the different Service Oriented Architectures Web services and UPnP**  
2nd International IEEE Workshop on Service Oriented Architectures in Converging Networked Environments SOCNE'07, Niagara Falls, Canada, Mai 2007

Elmar Zeeb, Andreas Bobek, Hendrik Bohn, Frank Golasowski:

**Service-Oriented Architectures for Embedded Systems Using Devices Profile for Web Services**  
2nd International IEEE Workshop on Service Oriented Architectures in Converging Networked Environments SOCNE'07, Niagara Falls, Canada, Mai 2007

Elmar Zeeb, Andreas Bobek, Hendrik Bohn, Frank Golasowski:

**Lessons learned from implementing the Devices Profile for Web Services**  
Proceedings of the 2007 Inaugural IEEE International Conference on Digital Ecosystems and Technologies (IEEE DEST 2007), S. 229-232, ISBN: 1-4244-0470-3, Cairns, Australien, Februar 2007

Claas Cornelius, Hendrik Bohn, Dirk Timmermann:

**Service-oriented Approaches for the Operation of large on-chip Networks Folien**  
24th NORCHIP Conference, S. 183-186, ISBN: 1-4244-0772-9, Linköping, Schweden, November 2006

Hendrik Bohn, Andreas Bobek, Frank Golasowski:

**SIRENA - Service Infrastructure for Real-time Embedded Networked Devices: A service oriented framework for different domains**  
5th International Conference on Networking ICN'06, S. 43, ISBN: 0-7695-2552-0, Morne, Mauritius, April 2006

Stefan Illner, Heiko Krumm, Ingo Lück, André Pohl, Andreas Bobek, Hendrik Bohn, Frank Golasowski:

**Management of Embedded Service Systems - An Applied Approach Folien**  
20th IEEE International Conference on Advanced Information Networking and Applications AINA'06, S. 519-523, ISBN: 1-550-445X, 0-7695-24, Wien, Österreich, April 2006

Andreas Bobek, Hendrik Bohn, Frank Golasowski, Gerd Kachel, Andreas Spreen:

**Enabling Workflow in UPnP Networks Folien**  
3rd IEEE International Conference on Industrial Informatics, INDIN 05, ISBN: 0-7803-9095-4, Perth, Australien, August 2005

Hendrik Bohn, Andreas Bobek, Frank Golasowski:

**Bluetooth Device Manager Connecting a Large Number of Resource-Constraint Devices in a Service-Oriented Bluetooth Network Folien**  
4th IEEE International Conference on Networking (ICN'05), S. 430-437, ISBN: 3-540-25339-4, St. Gilles Les Bains, La Reunion, April 2005

Andreas Bobek, Hendrik Bohn, Frank Golasowski:

**UPnP AV Architecture - Generic Interface Design and Java Implementation Folien**  
23rd IASTED International Multi-Conference on Applied Informatics, S. 699-704, ISBN: 0-88986-468-3, Innsbruck, Österreich, Februar 2005

Michael Ditze, Chris Loeser, Hendrik Bohn, Andreas Bobek, Frank Golasowski:

**Quality of Service and Proactive Content Replication in UPnP based A/V Environments**  
23rd IASTED International Multi-Conference on Applied Informatics, S. 729-734, ISBN: 0-88986-468-3, Innsbruck, Österreich, Februar 2005

Andreas Bobek, Hendrik Bohn, Frank Golasowski:

**Voice-based Generic UPnP Control Point Folien**  
2nd IEEE International Conference on Industrial Informatics, INDIN 04, S. 487-492, ISBN: 0-7803-8513-6, Berlin, Deutschland, Juni 2004

Suchbegriff...

Mitarbeitersuche...

### Kontakt

Besucher:  
Fakultät für Informatik und  
Elektrotechnik  
Institut für Angewandte  
Mikroelektronik und Datentechnik  
Haus 1, Raum 1207 (Sekretariat)  
Richard Wagner Str. 31  
18 119 Rostock-Warmemünde

Tel.: +49 381 498 7251

Fax: +49 381 498 118 7251

Email

Postanschrift:  
Universität Rostock  
Institut für Angewandte  
Mikroelektronik und Datentechnik  
18051 Rostock

### Schnelleinstieg

[Publikationen](#)

[Anfahrt](#)

[Kontakt](#)

[Laborpraktikum](#)

[Lehrangebot](#)

[Highlights](#)

[Projekte](#)