

W3C WoT Workshop

Program Committee

2019, May 6th

Agenda

- Introductions of new PC participants
- Bids and review assignments
 - Late submissions
 - Conflict of Interest
- Invited Talks
- Submissions review and assignments
 - Review Guidelines
 - Submission status
- Timeline
- Notifications
- Organisational – Registration web page and deadline, welcome desk, badges
- Q&A

Program Committee

- Goal: Select Papers + Presenters for the W3C Web of Things Workshop
 - Expression of Interest: just as ticket for participation in the workshop
 - Position Paper: as the basis of presentation during the workshop
 - Need to send a reminder to the submitters if there are submissions requesting presentations without attaching position papers
 - We should see how long each paper to be presented, e.g., 25mins or 5mins
- Selection Criteria:
 - Proposal matches to Workshop scope and topics defined at:
<https://www.w3.org/WoT/ws-2019/cfp.html#topics>
 - Proposal is forward-looking
 - Proposal matches new WoT charter
 - Proposal has practical relevance
 - Proposal talks about other IoT standards
 - Proponent has credibility
 - Proposal has product relation
 - Demo available

Submission status as of April 28th

- 39 submissions
- 15 without a position paper
- 2 request for a late submission
- Some submissions promise submitting a paper later

Document assignments for reviews

- Paper bidding was open until Tuesday, April 30th 10am CEST
- On Wednesday, April 31st the chairs assigned papers to reviewers
- Personal preferences were taken into account as much as possible
- At an average each reviewer was requested to 7 papers

Authors	Title	informa	paper	assignm	update	Time
Michael Lagally	WoT and IoT: What's the difference?					Mar 06, 06:4
Hou Haibo	Hou Haibo,China Academy of Information and Communications Technology					Mar 18, 08:3
Gerhard Zehethofer	Expressions of interest					Apr 05, 07:3
Andreas Meckler	IoT-based supply chain monitoring					Apr 10, 14:0
Jose Manuel Cantera Fonseca and Martin Bauer	2nd W3C Workshop WoT. Position Statement from ETSI ISG CIM					Apr 11, 07:4
Victor Charpenay	Standard Behavior Descriptions for the Web of Things					Apr 12, 12:3
Tomoko Mizushima	The Research and Survey of Use Case for WoT					Apr 15, 04:3
Moltan Kis and Daniel Peintner	Scripting API for the Web of Things					Apr 15, 08:0
Matthias Giori	It Works! An Open WoT Framework (by Mozilla) Powers My Smart Home					Apr 15, 23:0
David Ezell	Expression of Interest on behalf of Conexxus and David Ezell					Apr 16, 16:0
Stéphane Privat, Thierry Coupaye, Sebastien Bolle and Philippe Raipin	WoT Graph as Multiscale Digital-Twin for Cyber-Physical Systems-of-Systems					Apr 17, 16:3
Thomas Bergwinkl	Developer of the open source RDF library for Arduino SmallIRDF					Apr 17, 22:0
Michael Jacoby, Hylke van der Schaaf, Josh Lieberman and Kathi Schleidt	How W3C Web of Things and OGC SensorThings API can work together and benefit from each other					Apr 18, 14:3
Marco Di Felice, Luca Sciuolo, Lorenzo Gigli, Cristiano Aguzzi, Luca Roffia, Angelo Trotta and Tullio Salmon Cinotti	WoT Store: a Thing and Application Management Ecosystem for the W3C Web of Things					Apr 18, 16:4
Sebastian Käbisich, Christian Glomb, Charif Mahmoudi and Daniel Peintner	Web of Things Simplifies Industry Applications					Apr 18, 18:3
Philippe Coval	Walking through a "privacy by design" chain from sensors Microcontroller to XR (using Web Tech)					Apr 20, 10:0
Andreas Hund	Unleashing the masses: developing IoT applications should be easy for everybody					Apr 20, 11:3
Ryuichi Matsukura, Takehisa Suzuki and Takuki Kamiya	A WoT gateway with legacy devices virtualization					Apr 22, 21:4
Eric Siow and Michael McCool	Next Steps for the Web of Things, Part 1: Identifying and Understanding the Focus Market					Apr 23, 00:3
Michael McCool and Eric Siow	Next Steps for the Web of Things, Part 2: Data Standards Development and Consolidation					Apr 23, 00:4
Junihiko Toumura, Kazuhito Yokoi and Tetsuhiko Hirata	Rapid IoT application development using the Web of Things					Apr 23, 02:3
Yiwei Jiang and Jay Zhou	Connecting People and Home – MIoT Platform introduction					Apr 23, 02:3
Toru Kawaguchi and Takeshi Yamada	Realizing lifestyle update through Web of Things					Apr 23, 06:3
Hassib Belhaj Hassine, Ege Korkan and Sebastian Steinhorst	Virtual-Thing: Thing Description based Virtualization					Apr 23, 10:3
Tim Panton	Re-purposing existing web standards for secure, usable, distributed access to IoT devices					Apr 23, 11:3
Yonoka Jinushi	Expression of Interest					Apr 23, 11:3
Dominique Guinard	The Web of small things					Apr 23, 12:3
Benjamin Klotz, Daniel Wilms, Raphaël Troncy and Daniel Alvarez	Abstracting and Interacting with Vehicles in the Web of Things					Apr 23, 12:3
Benjamin Francis	Mozilla WebThings: An open source implementation of the Web of Things					Apr 23, 13:0
Andrea Cimmino, María Poveda-Villalón and Raúl García-Castro	Towards Semantic Interoperability in WoT Ecosystems					Apr 23, 13:3
Gerald Haesendonck, Anastasia Dimou, Ruben Verborgh and Ben De Meester	Linked Data in the Web of Things					Apr 23, 13:3
Oliver Pfaff	About the Bootstrapping of Security in IoT					Apr 23, 14:3
Alexander Kotsev	Expression of Interest. Environmental Sensing and the WoT					Apr 23, 15:3
Ben De Meester, Gerald Haesendonck, Ruben Verborgh and Anastasia Dimou	Increase WoT impact using transferable validation					Apr 23, 16:4
Ege Korkan, Hassib Belhaj Hassine, Verena Eileen Schlott, Sebastian Käbisich and Sebastian Steinhorst	WoTify: A platform to bring Web of Things to your devices					Apr 23, 17:3
Andrei Ciortea, Simon Mayer, Olivier Boissier and Fabien Gandon	Exploiting Interaction Affordances: On Engineering Autonomous Systems for the Web of Things					Apr 23, 23:4
Takuki Kamiya and Ryuichi Matsukura	Description of Legacy Data Format using JSON Schema in Thing Description					Apr 24, 01:4
Mahda Noura and Martin Gaedke	Mahda Noura, Technische Universität Chemnitz – Distributed and Self Organising Systems (VSR)					Apr 24, 05:3
Nicholas Felker	Placing devices in the home graph for the Google Assistant					Apr 24, 22:3

How to review

- We must have at least 3 reviews for each submission.
- The followings are example guidelines:
 - You may choose which submission you feel comfortable with (meeting your domain of expertise, for example).
 - But, please try to first review submissions that have a low level of reviews (instead of reviewing the ones that already have a large number). The sooner you review, the more choices you will have.
 - If there are submissions that have not been yet processed, the chairs will assign reviewers. But we hope not to have to do so.
 - You should not review a submission if you believe you have conflict of interest (submission paper from someone in your company, or obviously from you, for example).
 - You may review as many submission as you like.

Conflict of Interest - Reminder

- Conflict of Interest
 - Everybody can review papers that were not submitted by themselves, their company or affiliated companies
 - Should current members of WoT review submissions from other WoT members?
 - Prioritize reviews from non-WoT submissions, however it is desired that WoT members also review WoT submissions. Consider marking them as “maybe”

Evaluation (1)

Once you have reviewed a paper, please submit your assessment in the EasyChair website using the **Easychair online form**

This will allow other reviewers to be aware of the latest advancement of the reviews.

To evaluate your review, use the following ratings:

- 3: strong accept: Must be presented as a long talk
- 2: accept - Should be presented as a long talk
- 1: weak accept: Must be presented as a short talk
- 0: borderline paper - Could be presented in a short talk, if there is enough available slots.
- 1: weak reject; No real interest regarding the Workshop.
- 2: reject ; Paper is out of scope
- 3: strong reject; Paper is harmful for the WoT ecosystem

Evaluation (2)

You must mention your expertise regarding the position paper:

- 5: (expert)
- 4: (high)
- 3: (medium)
- 2: (low)
- 1: (none)

Please provide a detailed review, including justification for your scores (pro and cons), filling the two appropriate comment fields:

In the first field, provide comments that may be sent to the authors unless the PC chairs decide not to do so.

In the second field, provide confidential remarks for the PC only (not to be sent to authors).

Invited Talks

- Singapore on smart cities
 - An official letter was requested by the speaker to get management approval
 - Letter to be sent by the meeting host or W3C?
 - > PC decided to invite Lin Chin from the Senior Director of smart city solution for Singapore
 - > Intel will provide title and contact information to Kaz, Michael L. and Sebastian
 - > Kaz will send an invitation email on behalf of the PC chairs
- OPC Foundation speaker
 - Rainer sent an invitation to OPC – waiting for a response
- IEC data model
 - Remote presentation offered -> move to WG group F2F?
- Invitations are for a regular speaking slot (30min)

Timeline

- ~~Initial PC call on 15.4.~~
- ~~Submission deadline: 23.4.~~
- ~~2nd PC call: April 23rd, 3pm CEST – determine review criteria~~
- ~~3rd PC call: Monday, April 29th, 3pm CEST~~
- Review period is between April 23th and May 6th.
- PC call on May 6th to consolidate review feedback, draft agenda structure for the workshop.
- Chairs will decide on May 8th on which presentations are selected and decide on the WS agenda.
- **PC call on May 13th cancelled - not required since selections are done by then**
- Speaker notifications are sent out on May 8th - 1 week to register.
- Catering needs to be planned 2 weeks before the event.

Review status

- As of 6.5. only 21 reviews were submitted.
- Given that we have around 35 submissions we need >80 additional reviews.
- PC chairs will notify all submitters that their attendance is welcome and that, if they were submitting a talk, this is still in review in the PC.
- PC chairs will ask all PC members to provide their review by Tuesday, May 7th EOD (PDT).

Review results and agenda building

- Review results will be available by Wednesday 8th
- PC chairs will define the workshop agenda on May 8th.
- Speakers will be notified shortly after.

Basic workshop structure

25-30 min session length, perhaps reduce, if number of selected papers is too high

20 min presentation + 10 min discussions

5 min lightning talks?

Day 1:

- 4 slots with 1.5 hours length

- > 12 papers/day

Day 2:

- 2 slots, only ½ day for presentations

- > 6 papers

- + Breakout sessions, panel? (depending on content of the papers)?

- + Plenary (summary, wrap up + new charter planning)

Additional demos:

- During sessions or at the side?

Attendance + Organisation

- Everybody who expressed interest is accepted as a participant.
- Many Siemens observers are expected.
- Workshop members are estimated 80.
- Badge / On-site registration will be handled by Siemens.
- > Notification about attendance will be sent to all participants after today's call by Sebastian.

Registration web page and deadline

- Registration deadline is May 27th.
- Web page can be available by May 7th.
- 2 separate registration sites. (one for group F2F)
- Same questionnaire (food, attendance dates etc.) as the usual WoT Workshop questionnaire.
- OpenDay: People already registered at Siemens registration page for the OpenDay specifically, attendance numbers are limited.
- Questionnaire should contain a message that Open Day attendance is limited and also point to the Siemens registration site.

Logistics - Rooms

- 1 plenary (150 people)
- 2 demo rooms with tables, chairs, power (same rooms as the open day, we can leave the open day demos there)
- 1 person per company per expression of interest
- Max 2 people per company as a speaker

22 Program Committee Members

- Sebastian Käbis, Siemens
- Michael Lagally, Oracle
- Matthias Kovatsch, Huawei
- Kazuyuki Ashimura, W3C
- Dave Raggett, W3C
- Dan Brickley, Google
- Kathy Giori, Mozilla
- Eric Siow, Intel
- Michael Koster, SmartThings
- Ryuichi Matsukura, Fujitsu
- Kunihiro Toumura, Hitachi
- Tetsushi Matsuda, Mitsubishi
- Daniel Wilms, BMW
- Tomoaki Mizushima, IRI
- Wouter van der Beek, Cisco
- Joerg Heuer, EcoG
- Toru Kawaguchi, Panasonic
- Juejia Zhou, Xiaomi
- Qing An, Alibaba
- Dominique Guinard, EVERYTHING
- Ari Keränen, Ericsson
- Jens Schimmelpfennig, Software AG