

LDAC2020 - CALL FOR PAPERS

8th Linked Data in Architecture and
Construction Workshop
(15 - 19 June 2020, Dublin, Ireland)

The LDAC workshop series provides a focused overview on technical and applied research on the usage of **semantic web, linked data and web of data technologies** for architecture and construction (design, engineering, construction, operation, etc.). It aims at bringing together researchers, industry stakeholders, and standardization bodies of the **Linked Building Data (LBD) community**. The aim of the workshop is to present current developments, coordinate efforts, **gather stakeholders**, elaborate use cases, and plan future activities.

MORE INFORMATION AT:
<http://linkedbuildingdata.net/ldac2020/>

ABOUT

This 8th LDAC workshop consists of three parts:

The **scientific evaluation and introduction of ontologies** to capture building data, e.g. ifcOWL, Linked Building Data ontologies (BOT, OPM, BPO), geometry ontologies (OMG/FOG), geospatial ontologies, infrastructure, HVAC, building automation (BACS, DogOnt, SAREF), and semantic sensor ontologies (SSN)

A **practical discussion** to investigate the combination of ontology-based data to create complete and holistic sets of building data

Industry use cases related to **practical applications of Linked Data in AEC**, including its success stories, obstacles and how to overcome them

TOPICS

The workshop topics include, but are not restricted to the following:

Linking building data to other data, e.g. product libraries, GIS data, or sensor data

Applications in infrastructure projects and facilities

Utilization of building-related ontologies, e.g. ifcOWL, BOT, OMG/FOG, BPO, or OPM

Development of new ontologies or extension to existing ontologies

Mapping and alignment of ontologies

Using linking to enable interoperability between existing operational systems

Enriching systems with new data linked from external sources

Making data accessible by publishing it on the Web

Semantic query systems, reasoning, rule systems, and machine learning

Services based on Linked Data, including security and access control concerns

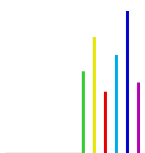
SUMMER SCHOOL

This year's LDAC will again be directly preceded by the Summer School of LDAC (ssoLDAC) that focuses entirely on the use of Linked Data and Semantic Web technologies for the built environment.

The summer school is held by experts and researchers in the use of these technologies and is limited to an audience of 40 participants (first come, first served).

MORE INFORMATION AT: <http://linkedbuildingdata.net/ldac2020/>

Contact: Kris.McGlinn@adaptcentre.ie



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Summer School (15-16) + 8th LDAC Workshop (17-19) June 2020 | Dublin, IRL

IMPORTANT DATES

Paper submission deadline: 13 March 2020 - 17h CET
Notification of acceptance for paper submissions: 17 April 2020
Submission deadline for the revised texts: 20 May 2020

Summer school registration deadline: 12 May 2020
Workshop registration deadline: 28 May 2020

LDAC summer school: 15-16 June 2020
LDAC workshop: 17-19 June 2020

SUBMISSION

Submit a paper of min. 8, max. 14 pages (PDF) following the LNCS template (Word, LaTeX). Submissions will be peer-reviewed by the Program Committee. Accepted submissions will be published as part of a separate volume of the CEUR-WS proceedings.

Conference system: <https://easychair.org/conferences/?conf=ldac2020>

Template: <https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines>



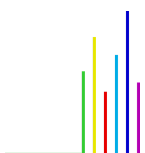
VENUE

The event will be held in Dublin, Ireland, hosted at the Lloyd Institute, at Trinity College Dublin, The University of Dublin, College Green, Dublin 2.

PROGRAMME

After the success of the LDAC 2019 summer school, LDAC 2020 is continuing with another summer school, again focusing on linked data and semantic web technologies in the context of the built environment. This summer school will include a number of lectures by proficient developers and experts in the field. This summer school takes place before the actual LDAC workshop, namely from 15 to 16 June.

The LDAC 2020 workshop itself will follow its usual set up and program. Namely, the workshop will host again a high number of plenary sessions, and the well-known technical track and industry case track will be organised in sequence. Papers of the plenary sessions are peer-reviewed by the Program Committee and will be published as part of a separate volume of the CEUR-WS proceedings. This workshop part takes place from 17 to 19 June.



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LDAC COMMITTEE



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LOCAL ORGANISATION

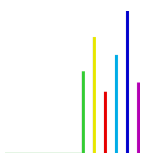


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