## Fwd: [Data+Service] Newsletter 08/2019

**Data+Service Office** <info.office@data-service-alliance.ch>    27 January 2020 at 08:39
Draft



# Newsletter #1
# 21.08.2019

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**Welcome to the Data+Service Alliance Newsletter!**

We bring you an issue every month, containing information about things happening inside the Alliance as well as information from our members.

In this issue, learn about our new Topic Leaders and upcoming events, mark your calendars now because there are quite a few!

Questions, remarks or contributions for the newsletter? Reach out to the editors.

Happy reading!
The Editors

*Make sure to scroll all the way down -- don't-miss-it-goodie at the end!*

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## Upcoming Alliance Events

**04.09.2019 - 3. Konferenz Perspektiven mit Industrie 4.0**

ZHAW School of Management and Law, St.-Georgen-Platz 2, 8401 Winterthur. More information.

**05.09.2019 - 4th European Conference on Artificial Intelligence in Finance and Industry**

ZHAW Winterthur, Technikumstrasse 71, 8401 Winterthur. More information.

**09-12.09.2019 - CLEF Conference**

Università della Svizzera italiana (USI), Switzerland. More information.

**12.09.2019 - Service Lunch - How IoT is challenging the Electrolux Service**

ZHAW Zürich, Lagerstrasse 41, room ZL E0.11. More information.

**13.09.2019 - Smart Services Summit**

Swisscom Business Campus, Turbinenstrasse 30, 8005 Zürich. More information.

*Please check our website for all information.*

## Journey of "Ort der Vision" plate

The Swiss Alliance for Data-Intensive Services projects itself as a place of vision and innovation, and physically, this is where our members are. We want to visit all members with the "Ort der Vision" plate, a part of an artwork from Swiss Artist Hans Ruedi Fricker. The journey began at SDS2019 in Kursaal Bern on the 14th of June 2019. Since than the plate visited 7 members, is currently at HESSO Valais in Sierre and will travel to IDSIA in Lugano this week. Visit the "Ort der Vision" page regularly and follow the plate on it's journey across Switzerland: https://data-service-alliance.ch/inspiration/ort-der-vision
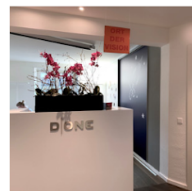

Kartause Ittingen


Kartause Ittingen


Transfer @ SDS2019
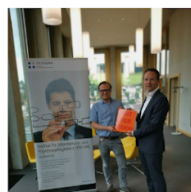

D ONE


Transfer @ Expert Group


University of St. Gallen
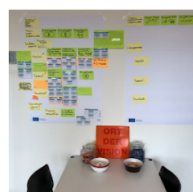

Transfer


Raiffeisen


Transfer
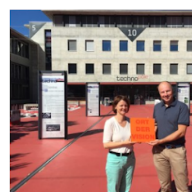

FH St. Gallen


Transfer


Wincasa


Transfer


ZHAW ABF


Transfer


Transfer


HESSO Vallais

**Topic Leader: Big Data Infrastructure -  UNIFR eXascale Infolab (XI)**



XI is a research group at the University of Fribourg, Switzerland. We design, build and deploy next-generation infrastructures for Big Data, with a focus on social, scientific, and linked data.

**Teaching, training and further education**
Swiss Joint Master of Science in Computer Science: http://mcs.unibnf.ch/

**Research Topics**
Big Data Infrastructures
Representation Learning for Complex Graphs
Crowdsourcing
Deep Probabilistic Modeling for Debugging Noisy Data
Relation Extraction Using Distant Supervision
Efficient Missing Blocks Recovery for Large Time Series
Privacy-Preserving Social Media Data Publishing

**Publications**
https://exascale.info/bibliography/

**Main contact:** Prof. Dr. Philippe Cudré-Mauroux (https://exascale.info/phil/)

Find all Topic Leaders on the website.

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**Topic Leader: "Interdisciplinary Approaches for Patient-centered Digital Health Solutions" - ZHAW Digital Health Lab**



We believe that digital health has tremendous potential to enhance the well-being of everyone in

our population. The evolution towards patient-centered care requires completely new approaches in the healthcare system. The ZHAW Digital Health Lab is a collaboration of digital health experts from the fields of biomedicine, health, technology and business and has the aim to become a leading and internationally recognized competence center in the field of digital health.

We cooperate with service providers, industry, health insurance companies and other research partners to develop innovative solutions to current challenges in the healthcare sector. As a competence network, we promote technology transfer between science, industry and society.

We offer to our partners:

- combined expertise of specialized research groups in technology, healthcare and business
- many years of project experience in digital health (EU- and Innosuisse-projects)
- problem-based, solution-driven research

Our interdisciplinary approach forms a unique ground for digital health solutions throughout Switzerland and makes us a competent, valued partner.
The ZHAW Digital Health Lab was initiated in 2018 and is managed by the ZHAW Digital Health Lab board.

Find out more about our activities, projects and publications here: [www.zhaw.ch/digitalhealth](www.zhaw.ch/digitalhealth)
or get in touch with us via [digitalhealth@zhaw.ch](digitalhealth@zhaw.ch).

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**New Expert Group on Digital Health**

The new expert group on Digital Health has recently been founded. The group will foster interdisciplinary collaborations with the aim to develop advanced data-driven healthcare solutions that help improve prevention, diagnosis, treatment and after-care as well as remote monitoring. To that end, appropriate approaches for analyzing various kinds of data need to be developed. Among the data to be taken into account are electronic health records, sensor data, omics data (genomics, proteomics, metabolomics) and images, which requires a wide spectrum of data and text analysis techniques. The expert group will also consider new business models that ensure a fair distribution of costs and favor health-conscious behavior of individuals.
The group leaders Ulrich Reimer (FHS St. Gallen) and Holger Rommel (ti&m) are looking forward to a lively and fruitful exchange in the upcoming meetings.

Expert Group meetings are open only to the members of the Alliance, but if you are interested in any of the topics and would like to participate in one of the upcoming meetings, [please get in touch with us](please get in touch with us) asap.

We would like that you become a full member of the Alliance so that your participation in the Expert Group meetings can not only be useful to you but for the entire group.

[All Expert Groups of the Alliance](All Expert Groups of the Alliance).

**Workshop Tage 2019 - Spatial Data Analytics @ HSR**
*10-12.09.2019, Hochschule für Technik Rapperswil*

This workshop gives computer scientists - especially software developers - an overview of machine learning and then uses selected topics to bring the analysis of spatial data closer. The focus is on machine learning with examples of image analysis supplemented with spatial issues and software engineering aspects.

The goal is for participants to recognize what is possible with data analytics, supplemented with clues as to what is special about "Spatial". In addition, the participants learn selected topics from machine learning (image analysis).

Find more information on program and registration [here](#).

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**Big Data Ethics Recommendations for the Insurance Industry**
*16.09.2019, Zurich*

The Digital Society Initiative, of the University of Zurich is organising this Expert Conference on 16th Sept 2019 at their premises. The event also includes a public talk by Pernille Tranberg on Data Ethics. Participation in the event is free of charge but needs registration via [email](#), for logistical purposes.

Find the lineup of talks [here](#).

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**Knowledge Graph Forum 2019**
*18.10.2019, Bern (In collaboration with [Zazuko](#))*

Knowledge Graphs are getting a lot of attention in the industry and the public sector. Often mentioned are very large public knowledge graphs like UniProt with more than 50 billion triples, projects like Wikidata, [schema.org](#) based search engine optimization or publishing statistical data in a machine-readable form, and these are just some of the public RDF-based use cases. Many more happen behind corporate firewalls and thus are rarely discussed in public.

Find more information [here](#).

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**Innosuisse - Call for submission of innovation projects in the fields of Social Science and Business Management**

In its strategic objectives, the Federal Council gives Innosuisse the mandate of "supporting more innovation projects of major economic importance in non-technological areas of specialisation." Innosuisse is inviting applications for innovation projects in non-technological fields and feedback on the field-specific new information in the online application form. **Projects submitted by 16 October 2019 can start this year.**

Find more information [here](#).

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**Upcoming member events**

We are happy to publish your events in the newsletter that you think would be interesting to other members of the Alliance. Please send your event details to [us](#) that you want published in the newsletter.

**06.09.2019**, Bern - SAP CodeJam ([more info](#))

**19.09.2019**, Regensdorf - SAP Business Analytics & Data Management Infotag 2019 ([more info](#))

**22.10.2019**, Lausanne - SAP Infoday: ABAP Environment for SAP Cloud Platform ([more info](#))

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**Data Science Read of the Month**

Das Beste zum Schluss

**Machine Learning Interpretability Techniques**

[https://towardsdatascience.com/machine-learning-interpretability-techniques-662c723454f3](https://towardsdatascience.com/machine-learning-interpretability-techniques-662c723454f3)