



# Call for Papers

## „Law 4.0” – Challenges of the Digital Age

The Széchenyi István University Faculty of Law and Political Sciences is proud to present a call for papers for the event “Law 4.0” – Challenges of the Digital Age. The conference is a part of a project funded by the PADOP-2.1.2-CCHOP-15-2016-00001 PUBLIC SERVICE DEVELOPMENT ESTABLISHING GOOD GOVERNANCE PROJECT. The main aim of the conference is to discover the effects of digitalization and artificial intelligence on the legal regulation.

### Main topics and concept

Industry 4.0 means in essence the technical integration of cyber physical systems into production and logistics and the use of the 'internet of things' and services in (industrial) processes – including the consequences for a new creation of value, business models as well. Today, we clearly see how the several parties which were involved in Industry 4.0 themselves move it to smart transportation and logistics, smart buildings, oil and gas, smart healthcare and even smart cities. Within the next five years, it is expected that over 50 billion connected machines will exist throughout the world. The introduction of artificial intelligence in the service sector distinguishes the fourth industrial revolution from the third.

***What is the role of legal regulation in this “brave new world”? Is there a Law 4.0 already?***





## 1. How law should treat artificial intelligence (AI)?

In 1969 John McCarthy and Patrick J. Hayes from Stanford University stated that “a computer program capable of acting intelligently in the world must have a general representation of the world in terms of which its inputs are interpreted. Designing such a program requires commitments about what knowledge is and how it is obtained.” How can we describe the world around us in legal terms to help the machines decide right from wrong? How do we teach AI fundamental rights (and should we)?

## 2. Security and privacy issues arising from the digitalization

When it comes to data security, most people think of hacking or viruses. But lawyers have additional concerns. Are spreadsheets being traded? What should appear in billing while maintaining client confidentiality? How do you collaborate without leaving yourself open to a data breach? What data are to be secured while online trading? How does Facebook get the intellectual property rights of the uploaded photos of users? How to protect the privacy of our clients/children? As in the European Union a new regulation on data protection (GDPR) has been adopted, these questions are current.

## 3. Digitalization of the State

In the EU the Digital Single Market Strategy announced by the Commission is built on three pillars: (1) Access: better access for consumers and businesses to digital goods and services across Europe; (2) Environment: creating the right conditions and a level playing field for digital networks and innovative services to flourish; (3) Economy & Society: maximizing the growth potential of the digital economy. Every single Member State has to make efforts towards a better digital market, which also contains digitalized state services, and better (digital) access to the central and local governments.





## Timeline

2<sup>nd</sup> March, 2018 – deadline for submission of abstracts

8<sup>th</sup> March, 2018 – notifications sent on the accepted papers

22<sup>nd</sup> March, 2018 – deadline for registration only as a participant

29<sup>th</sup> March, 2018 – conference “Law 4.0” – Challenges of the Digital Age

27<sup>th</sup> April, 2018 – deadline for submission of the completed papers

## Venue

The Conference will be hosted by the Faculty of Law and Political Sciences of Széchenyi István University. The Széchenyi István University is a leading higher educational centre in the North Transdanubian region in Győr, in the middle of a ‘triangle’ between Budapest, Vienna and Bratislava. Benefiting from its advantageous location, Győr has become a significant industrial, trade and business centre of Hungary.



## Contact, information and notes

All questions and inquiries regarding the “Law 4.0” – Challenges of the Digital Age conference should be sent to [gjudit@sze.hu](mailto:gjudit@sze.hu) (Dr. Judit GLAVANITS, associate professor, head of the Department of Public and Private International Law), the Organising Committee makes every effort to respond all questions as soon as possible.

More information on the Faculty and Győr is available at [http://dfk.sze.hu/en\\_GB/home](http://dfk.sze.hu/en_GB/home) and <http://turizmus.gyor.hu/lang/en/> .

Please note, that the participation of the conference is free of charge, but every participant must cover his/her own costs on travel and accommodation.

Please note, that the Organizers do not provide translation during the Conference.

