

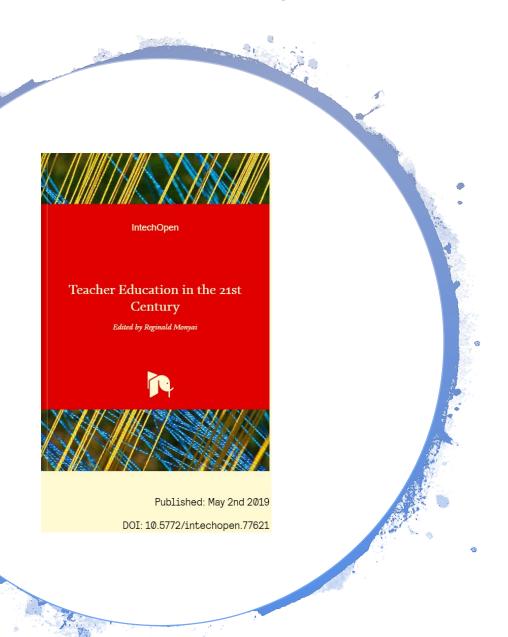


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Digital Curator

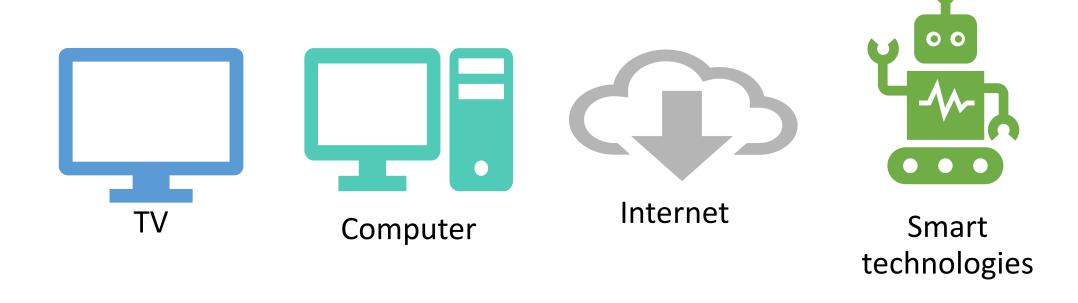


Abstract.

- This article is the announcement of a chapter "Advanced digital competence of teachers" in the new scientific publication "Teacher Education in the 21st Century" (IntechOpen, London, 2019, academic edition Reginald Monyai). This chapter is distributed under the terms of the Creative Commons Attribution License
- https://www.intechopen.com/books/teach er-education-in-the-21st-century

Digital waves: 20-21 century

In this sense, an adult, and a teacher also, in the community of children, always remains an emigrant of the digital society in the new digital wave



Triangle of digital competencies



Life digital competence in digital world



Social digital competence in the global information society



IT in professions and new ITprofessions

New Skills for new digital world

- **Life digital competence** of a competent user becomes a natural component of the general culture of the digital world.
- Social digital competence of the teacher is not only psychooriented, but is aimed to form in children the value of education and general media literacy in working with information in the Internet and global media, prevention of cybercrime and cyber mania, fostering a culture of cyber security and Internet etiquette in global knowledge networks as opposed to entertainment. Here the teacher should act like a digital curator for the socialization of children in the digital world.



New Skills for new digital world: the digitalization of the professions



Children are focused on the future. Their professional choice is formed in school, and professions are formed by the digital economy and the new digital wave also defines the digitalization of the professions.



The new mission of a digital pedagogy teacher is to teach children to learn in a digital environment throughout their lives. **New professions** of the near future show the dynamic addition of the surrounding world with the cyber world.



Each coach is a **digital curator in Informatics** for the development of talented children

New role of the IOI in digital world -

Navigator in the Informatics knowledge network

- 1. **Syllabus IOI** the main reference point in the development of school course in Informatics in the world in 1989-...
- 2. Collection of problems/tasks of the international and national Olympiads in Informatics the main **e-books** for all children of the world
- 3. Massive open online courses on the topics of the IOI syllabus and programming main **Internet-lessons** in Tot Informatics for the world's children
- 4. Open Internet-Olympiad in Informatics on the basis of the IOI syllabus the main **online -practice** for the world's children

New role of the IOI International Committee (IC): accessible environment Olympiad in Informatics for juniors of the world

- High startups for talented juniors real step into the IOI and top-professional future in computer science
- International competitions for juniors:
 - EJOI https://www.ejoi2019.si/
 - IATI http://iati-shu.org/en/home/
- ISIJ International summer schools for juniors http://isi-junior.com/



New role of the IOI community & IC in digital world:

www.ioinformatics.org/ - available environment for start and training
(section Digital curator)



1. Syllabus IOI



2. Open collection of problems/tasks



3. MOOCs on the topics of the IOI syllabus



4. Open Internet-Olympiad in Informatics



5. Open e-library for computer science



5. International event for talented juniors:



6. Top 10 ITprofessions of the year

EJOI and IATI,

summer schools for juniors **ISIJ** and other

Digital curator of Olympiad in Informatics

- New section 'Digital curator' of Olympiad in Informatics
 will be on the official website of the IOI for start and
 development talented kids: with a set of modern
 Internet resources and services of Olympiad in
 Informatics, as well as links to international competitions
 and schools of computer science for juniors
- New role of the IC in digital world is to create an accessible environment of Olympiad in Informatics for juniors of the world
- New role of Team leaders to become digital curator of Olympiad in Informatics for children of their country

Initiators of new international events for juniors - ISIJ, EJOI, IATI



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Russia (IOI 1990),
Member of IC, Team
leader in the period
1989-2017, Chairman
IOI 2016,
twice winner of the
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(2003, 2008) / Chairman
of the ISI-junior and ISIJCup Jury



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Welcome to ISIJ 2020! www.isi-junior.com

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Thank you for attention!

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