**Articles request for Monograph Spring 2019
(Deadline for sending originals: March 31, 2019)**

Topic: Learning Analytics in Education

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We would like to invite you to contribute to a Special Issue on Data Analytics in Education for the journal @tic. revista d'innovació educativa

This monograph will publish state-of-the-art articles on educational research and educational experiences in higher education in one of the fields explained below.

Data Analytics in Education can be defined as an area where data from a wide variety of contexts are measured, collected and analysed with the aim of answering questions in educational research about teaching-learning processes.

These data sets can be obtained through the use of technology-based learning environments, learning management platforms, intelligent tutoring systems, educational games and learning activities or data corresponding to administrative records of schools or universities.

The analysis of these data enables to understand the students' strategies in different scenarios, leading to the design of personalized learning experiences adapted to the interests and needs of students.

Topics of interest include, but are not limited to, the following:

1. Learning Analytics (LM) and Educational Data Mining (EDM): gathering, modelling and applying of statistical methods, machine learning and data mining techniques in processes in which students and teachers participate in different contexts in order to understand and optimize learning processes and environments.

2. Technology-based learning environments: tools and applications that allow gathering data from the teaching-learning process to store, share and preserve traces and patterns of learning and teaching (adaptive personalized learning environments, intelligent tutors, computer-supported collaborative learning systems, learning management system platforms, visualization tools, etc.)

3. Record of the learning-teaching process: definition of variables that explain useful data characteristics to analyse, understand and optimize learning and teaching, design of indicators and learning metrics to evaluate the progress of student learning, information fusion from different sources, etc.

|| <u>Submission instructions</u>

Please submit the paper through @tic revista d'innovació educativa webpage: http://www.uv.es/attic

Sign in for a user and password and follow the instructions given there.

The manuscript must be in Microsoft Word (.doc), RTF or Open Office (.odt) format.

Manuscripts can be written in **English, Spanish** or **Catalan**. The specifications are: font 11, Arial, spacing above paragraph 6, below paragraph 0, single line spacing, without indenting; footnotes and bibliography font 9, Arial.

Guidelines: http://go.uv.es/Fg52J4h

<u>Important dates:</u>

Deadline for Papers: March 31, 2019

Date of publication: July 2019