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DESCRIPTION

The quality of software, well-defined interfaces (hardware and software), the process of digitalisation, and accepted standards in these fields are essential for building and exploiting complex computing, communication, multimedia and measuring systems. Standards can simplify the design and construction of individual hardware and software components and help to ensure satisfactory interworking.

*Computer Standards & Interfaces* is an international journal dealing specifically with these topics.

The journal
- Provides information about activities and progress on the definition of computer standards, software quality, interfaces and methods, at national, European and international levels
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*Computer Standards & Interfaces* is concerned with the specification, development and application of standards and with high-level publications of developments and methods in the following areas:
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- **Data Acquisition** - Analog-to-digital conversion, Specification, Modelling, Industrial electronics, Real-time systems, Laboratory automation, Automatic measurement, Process control, Electromagnetic compatibility
**Digital Instruments Standardisation** - Forum of EUPAS, European Project for ADC-based devices, Standardisation (IMEKO TC-4 Working Group on A/D and D/A Converter Metrology), IEEE TC-10, IEC TC-42-WG8, IEC TC-85-WG16; Standardisation of specifications, modelling, testing, and analog and digital processing for digital instruments

The last issue of a volume includes an author index and a subject index.

*CSI* also covers general topics concerning the standardisation process, such as technical, political and commercial aspects of standards, their impact on the marketplace, cost/benefit analyses, legislative issues, and relationships among national and international standards bodies.

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Kemal Biçakci, TOBB University of Economics and Technology, Ankara, Turkey
Jordi Forné, Universitat Politècnica de Catalunya (UPC), Barcelona, Spain
Felix Gomez Marmol, Universidad de Murcia, Murcia, Spain
Eugene Rex Jalao, University of the Philippines Diliman, Quezon City, Philippines
Alok Mishra, ATILIM University, Ankara, Turkey
Sviatoslav Voloshynovskiy, Université de Genève, Geneva 4, Switzerland
INTRODUCTION
The quality of software, well-defined interfaces (hardware and software), the process of digitalisation, and accepted standards in these fields are essential for building and exploiting complex computing, communication, multimedia and measuring systems. Standards can simplify the design and construction of individual hardware and software components and help to ensure satisfactory interworking.

COMPUTER STANDARDS & INTERFACES is an international journal dealing specifically with these topics.

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- Data Acquisition
- Analog-to-digital conversion, Specification, Modelling, Industrial electronics, Real-time systems, Laboratory automation, Automatic measurement, Process control, Electromagnetic compatibility
- Digital Instruments Standardisation
- Forum of EUPAS, European Project for ADC-based devices, Standardisation (IMEKO TC-4 Working Group on A/D and D/A Converter Metrology), IEEE TC-10, IEC TC-42-WG8, IEC TC-85-WG16; Standardi-sation of specifications, modelling, testing, and analog and digital processing for digital instruments

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