IFAC TECHNICAL COMMITTEE (TC)
ANNUAL REPORT

Report covering period
(This report is provided in addition to the event list and statistics derived from the IFAC event data base, it addresses the workings of the TC, as provided by the TC Chair on recommendation of the TC)

TC Name   Enterprise Integration and Networking
TC Number   5.3
TC Chair   Hervé PANETTO
e-mail: herve.panetto@univ-lorraine.fr

	yes	no
TC Report (in 1st year of triennium)		
Have you nominated your TC vice-chair(s)?	☒	☐

(*list all*)
- Name   Lawrence Whitman
- E-mail Larry.Whithman@wichita.edu

	yes	no
Have you updated your membership roster?	☒	☐

- Number of TC members 36

	yes	no
Have you sent your membership roster to the Secretariat?	☒	☐
Have you updated your TC scope?	☐	☒

 scope:

	yes	no
Have you created/amended your TC website?	☒	☐

- Address http://www.ifac-tc53.org

List of Working Groups
- Name   Enterprise architecture and reference models
- Focus   State-of-the-art on enterprise reference architectures and models, comparison studies, harmonisation and integration of existing reference architectures and models through standardisation
- Timeline   2014
- Deliverables CEN TS 11354: Maturity Model for Assessing Enterprise Interoperability, **Session at WC 2014**

- Name   **Verification and Validation of Enterprise Models**
- Focus   **Modelling concepts for Verification, Validation & Assessment of Enterprise Models to capture needs (user's confidence, interoperability - functional, structural, operational -, requirements verification), describe formal and semantic models, and define tools using architecture description languages to simulate, evaluate and test models**
- Timeline   2014
- Deliverables **Session at IFAC WC 2014**

Date and Place of Last TC Meeting INCOM 2012, BUcharest, Romania, May 14, 2012

	yes	no
Is your TC contributing to a Milestone Report ?	☒	☐

_____

Congress Year Report only
- Number of Congress Papers Reviewed by TC

_____

Events sponsored or co-sponsored by your TC:
OTM/IFAC EI2N 2013
Industry Case Studies Program 2012
I-ESA 2012
IFAC INCOM 2012

The TC has organised 2 special issue of journals in 2012 with extended peer-reveiwed papers from IFAC WC 2011, INCOM 2012 and EI2N 2012

Panetto H., Goncalves, R., Molina A. (Editors), Enterprise Integration and Networking: theory and practice, Annual Reviews in Control, 2012, 36 (2)

Panetto H., Ceceil J. (Editors). Information systems for enterprise integration, interoperability and networking: theory and applications. Enterprise Information Systems, 2013, 7 (1)

Plans for TC?

Milestone report at IFAC WC 2014
Special issue of a journal in 2014

Problems - especially any that require TB attention?
N/A

What is the long-term outlook for the scientific topics of your TC?
Please describe likely future major developments within the scope of this TC
Whithut loosing its background on Enteprise Architecture, Enterprise Modelling, Enterprise Netwxorking and Interoperability, the TC will quite surely focus on some new topics related on IoT (Internet of Things) and Enterprise Sensing as these are major issues on these with a growing set of reseachers, wroldwide, interested on these..

Recommendation
Please provide recommendations relevant to TC operation such as potential new Working Groups, recommendations to merge this TC with another TC, new trends within the technical field covered by the TC that suggest future changes in IFAC scope or activities, etc.)

      None