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

TC Report
Yes
No

Have you nominated your TC vice-chair(s)?

(List all)
- Name: Lawrence Whitman
- E-mail: Larry.Whitman@wichita.edu

Have you updated your membership roster?

- Number of TC members: 36

Have you sent your membership roster to the Secretariat?

Have you updated your TC scope?

Scope:

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

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-reviewed papers from IFAC WC 2011, INCOM 2012 and EI2N 2012


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

Without loosing its background on Enterprise Architecture, Enterprise Modelling, Enterprise Networking 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 researchers, worldwide, 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