



Workshop on HOT issues paradigm in process-based IMS Trends and challenges

General Information

SIEN 2017 is organized by the Romanian Association “Nuclear Energy” - AREN in partnership with the Romanian Atomic Forum – ROMATOM and with the involvement of Women in Nuclear Romania- WIN Ro. SIEN 2017 is intended as a forum of discussions between experts, professionals and representatives of the organizations active in the nuclear field. The topics of the symposium are related to challenges and opportunities in maintaining the existing and developing of the new nuclear activities. In addition, a special focus will be on presentations and discussions related to nuclear fuel cycle activities, recent R&D in nuclear, as well as the way nuclear supports future societal needs.

The Workshop on **HOT issues paradigm in process-based IMS**. *Trends and challenges* is organized under the auspices of SIEN 2017 and should have the objectives mentioned below.

Objective of the workshop

The nuclear industry is currently experiencing significant changes, due to new standards and legal requirements to be implemented by the all involved stakeholders to improve the safety of the nuclear facilities. At the same time all the nuclear utilities are facing economic challenges, due to energy market competition and therefore all the nuclear producers have to carefully plan the objectives, roles, responsibilities, interfaces and tasks to be carried out for the success of the project. Therefore an inspiring leadership and the creation of a functional management system are vital for the nuclear facilities.

The purpose of the workshop is to provide an opportunity for specialists and managers in the field of Management System development and implementation as well as Process Responsibles and Experts in oversight techniques to exchange relevant information regarding the challenges in developing and implementing process-based IMS. Also another objective is to share within participants a set of good practices, challenges, trends and lessons learned from each other as well as from other industries participants.

Target participants

The workshop is addressed to, managers and experts involved in developing, implementing and improving management systems or quality assurance/quality control, or who are responsible for risk analysis, audit, independent oversight, self-assessment; specialists from regulatory bodies; representatives of engineering, procurement and construction, specialists from services and products providers; specialists from other industries involved in the development, implementing and improving of the management system standards;

Topics

Under the title of **HOT issues paradigm in implementation of process-based IMS**, the workshop is expected to focus on presentations and discussions related to the practices and development, implementation and evaluation of IMS and leadership oriented to safety :

- From standards to practice in process-based IMS
- Evaluation of leadership and management



International
Symposium
for Nuclear
Energy



- Management reports on IMS performances
- Human Factor influence in achieving excellence in nuclear activities
- ISO series versus nuclear standards
- How to conduct a gap-analyse and get benefit on the way of nuclear excellence aim
- Commercial grade dedication in acquisition of products – challenges and responsibilities;
- Hot issue - Counter fight of suspect items – up to date practices and gained experience;
- Integrate Cyber security in plant processes – how, where,
- IAEA’s Management System Network of Excellence- *by N. Florescu*;
- Risk assessment – a tool for decision-makers;
- Crossfunctional activities among management system processes
- Quality level setting up methodology for products and services

Paper submittal and registration on the workshop

Participants are invited to provide papers on the above mentioned topics, focused on the practical challenges, solutions and lessons learned.

The format for papers can be downloaded from SIEN official website (<http://sien.ro/For-authors/>). All papers must be submitted in Word format. No PDF contributions will be accepted as all contributions must be in the required uniform format allowing to be included in the SIEN 2017 Proceedings.

A number of papers will be selected to be presented during the workshop.

The workshop’ organizers will sent to the authors a notification on the paper acceptance and they will indicate the authors to prepare a presentation or a poster.

Each presentation will have a limited time of 30 minutes out of which maximum 15 minutes will be allocated to the presentation itself and 15 minutes will be reserved for discussion, questions and answer session. Those papers not accepted to be presented during the workshop will be included in Poster Session of the conference.

The papers will be sent together with a „Permission for release of electronic and hard-copy documents „, signed by the author(s) and/or company representative for agreement to publish the papers in the SIEN 2017 Proceedings and the presentations on AREN website.

The presentations will be sent joint by a slide with the picture and short CV of the participant/author.

Papers will be submitted by e-mail at the following addresses: fmarin@cne.ro, nflorescu@cne.ro, ionut.zaharov@cne.ro, with the mention that the paper is for the “Workshop on **HOT issues paradigm in implementation of process-based IMS**. Trends and Challenges” .

IMPORTANT DATES

Submission Deadline for Paper Submittal: 25 July 2017

Workshop Organizer’s Notification: 10 August 2017

Submission Deadline for Presentations Submittal: 25 August 2017
(as required by the workshop organizer)

For those who are intended to participate at the workshop only, should follow the conference registration rules mentioned on conference official website www.sien.ro.



Contact

For any additional information and clarifications related this workshop, please contact:

Irina Florenta Marin – Workshop responsible, e-mail address: fmarin@cne.ro

[Neculai Florescu –SNN CNE Cernavoda subsidiary - ROMATOM / FORATOME representative](#)

Ionut Zaharov – organizer, e-mail adress: ionut.zaharov@cne.ro

For any additional information and clarifications related to registration at SIEN 2017, please contact:

Veronica Andrei, e-mail: vandrei@nuclearelectrica.ro

Elena Serban, e-mail: eserban@nuclearelectrica.ro