

Editorial Greeting to Journal Readers 2017



**Professor
Igor L. Piore, Editor**

The ASME *Journal of Nuclear Engineering and Radiation Science* is celebrating its second year on the market. On this occasion, I would like to congratulate all members of our Journal Board, reviewers (their names are listed in this issue), authors, and readers. Below are the latest Journal statistics, changes, and plans for the future. Also, we would like to welcome the new Associate and Guest Editors:

New Associate Editors (AEs):

- Walter Ambrosini (Ph.D.), University of Pisa, Italy
- Xiaojing Liu (Ph.D.), Shanghai Jiao Tong University, China

New Guest Editors (GEs):

- Giacomo Grasso (Ph.D.), ENEA, Italy
- Yassin Hassan (Ph.D.), Texas A&M University, USA
- Jean Koch (Ph.D.), Soreq NRC, Israel
- Rachid Machrafi (Ph.D.), University of Ontario Institute of Technology, Canada
- Arun Nayak (Ph.D.), Bhabha Atomic Research Centre, India
- Thambiyah Nitheanandan (Ph.D.), Canadian Nuclear Laboratories, Canada
- Guoqiang Wang (Ph.D.), Westinghouse Electric Company, Inc.
- Ilan Yaar (Ph.D.), NRCN, Israel
- Wenye Zheng (Ph.D.), Canmet MATERIALS, Natural Resources Canada

With these added editors, our editorial team represents 17 countries (Austria (1 AE); Canada (1 editor, 3 AEs, and 4 GEs); China (3 AEs); Czech Republic (1 AE); France (1 AE); Germany (3 AEs); Hungary (1 AE); India (1 AE and 1 GE); Japan (4 AEs); Mexico (1 AE); Russia (3 AEs); Slovenia (1 AE); South Korea (1 AE), Ukraine (1 editor); United Kingdom (1 AE); and USA (10 AEs and 2 GEs)) with nuclear-power reactors; and Israel (2 GEs) and Italy (1 AE and 1 GE) without nuclear-power reactors—in total 37 AEs, 10 GEs, and 1 editor; 1 AE and the editor represent two countries each.

During our second year, we have published four issues (as planned) with 94 papers, which are twice those within the first year. Table 1 lists countries (in total—24) and agencies, organizations, universities, and companies (in total—80) from which are

authors of published papers. Analysis of the data listed in Table 1 for 2016 compared to similar data for 2015 (see our Journal, Vol. 1, No. 1, from January of 2015) shows that a number of papers have been submitted and published for the first time from the following countries: (1) Austria; (2) Bulgaria; (3) Finland; (4) Hungary; (5) Jordan; (6) Netherlands; (7) Norway; (8) Pakistan; (9) Poland; (10) Spain; (11) Sweden; and (12) UK. Also, we have published two Special Issues (SIs) with selected papers from:

1. Special Issue (Vol. 2, No. 1, January 2016) on the *7th International Symposium on Supercritical Water-cooled Reactors (ISSCWR-7)*, March 15–18, 2015, Helsinki, Finland: Thomas Schulenberg, Dr.Eng., Associate Editor, Karlsruhe Institute of Technology (KIT), Germany.
2. Special Issue (Vol. 2, No. 4, October 2016) on the *23rd International Conference On Nuclear Engineering (ICONE-23)*, May 17–21, 2015, Chiba, Japan:
 - Asif H. Arastu, Ph.D., Associate Editor, Unisont Engineering, Inc., USA
 - Leon Cizelj, Ph.D., Associate Editor, Jožef Stefan Institute, Slovenia
 - Jovica Riznic, Ph.D., Guest Editor, Canadian Nuclear Safety Commission (CNSC), Canada

Our plans for the near future are as follows:

1. Publish four issues with approximately 100 papers to keep “waiting time” for papers as short as possible;
2. Publish two SIs with selected papers from important international symposium(s)/conference(s) and/or on special topic(s) within nuclear-engineering area.
3. Attract new papers from around the world for 2017 and 2018 issues.

Many authors and readers ask about ratings of our Journal in various international systems. The response is that we are required to publish on a regular basis four issues annually with high-quality papers within 3 years (1 year left for NERS), and after that, our Journal will be ranked on the international level in these systems.

And finally, we hope that you will join us in this new Journal as authors of submitted manuscripts and as reviewers. This is indeed a unique international journal, which combines research, industrial operating experience, new designs/systems, safety analysis, applications of nuclear energy, and many other related topics that change the world and our lives for the better. We also hope you will enjoy reading the papers that follow.

On the behalf of the NERS Editorial Board.

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Table 1 Statistics on papers of four issues (2016) of the ASME *Journal of Nuclear Engineering and Radiation Science* (total number of published papers 94)

No.	Country	Organization/Company
1	Austria	International Atomic Energy Agency
2	Bulgaria	Technical University of Sofia
3	Canada	University of Chemical Technology and Metallurgy Canadian Nuclear Laboratories, Ltd. Canmet MATERIALS, Natural Resources Canada Carleton University École Polytechnique de Montréal McMaster University Mitsubishi Hitachi Power Systems Canada, Ltd. National Research Council Canada University of Manitoba University of New Brunswick University of Ontario Institute of Technology University of Ottawa University of Saskatchewan University of Sherbrook University of Western Ontario Royal Military College of Canada
4	China	China Institute of Atomic Energy China Nuclear Power Engineering Co., Ltd. Harbin Institute of Technology Nuclear Power Institute of China Science & Technology on Reactor System Design Technology Laboratory Shanghai Jiao Tong University Shanghai Nuclear Engineering Research and Design Institute State Nuclear Power Research Institute State Nuclear Power Technology R&D Center Tsinghua University Xi'an Jiaotong University
5	Czech Republic	Czech Technical University Prague Institute of Chemical Technology Institute of Plasma Physics of the CAS Research Center Rez Ltd.
6	Democratic Republic of the Congo	University of Kinshasa
7	Finland	VTT Technical Research Centre of Finland Ltd.
8	France	CEA
9	Germany	Institut de Radioprotection et de Sûreté Nucléaire Areva GmbH Gesellschaft für Anlagen- und Reactorsicherheit (GRS) gGmbH Helmholtz-Zentrum Dresden-Rossendorf Karlsruhe Institute of Technology University of Stuttgart
10	Hungary	Budapesti Muszaki es Gazdasagtudomani Egyetem Centre of Energy Research, Hungarian Academy of Science MTA EK Centre for Energy Research
11	Italy	EAEN International School for Advanced Studies Politecnico di Milano University of Pisa University of Rome
12	Japan	Institute of Nuclear Safety System, Inc. Japan Atomic Energy Agency Kobe University MHI Nuclear Engineering Co., Ltd (MNEC)
13	Jordan	Jordan Research and Training Reactor

Table 1 (Continued.)

No.	Country	Organization/Company
14	Netherlands	NRG Nuclear Research & Consultancy Group European Commission Joint Research Centre Petten, Institute for Energy & Transport European Space Research and Technology Centre Delft University of Technology
15	Norway	Institute for Energy Technology
16	Pakistan	Air University
17	Poland	Warsaw University of Technology
18	Russia	Joint Institute for High Temperature Nuclear Safety Institute
19	Slovenia	Krško Nuclear Power Plant Milan Vidmar Electric Power Research Institute
20	Spain	Iberdrola Ingeniería y Construcción S.A.U Tecnatom Universitat Politècnica de València
21	Sweden	KTH Royal Institute of Technology
22	UK	University of Manchester
23	Ukraine	National Technical University of Ukraine National Science Center Kharkiv Institute of Physics and Technology of National Academy of Ukraine
24	USA	Electric Power Research Institute Massachusetts Institute of Technology Sandia National Laboratories Southern Engineering Services University of New Mexico University of Wisconsin-Madison Westinghouse Electric Company LLC