



MINUTES

Reactor Physics Division Executive Committee Meeting

November 6, 2016, 4:00 pm – 6:00 pm, Octavius 1&2, Caesar Palace, Las Vegas, NV

Present: See attached attendance list

Next meeting: June 11, 2016, 4:00 pm – 6:00 pm, San Francisco (Hyatt Regency)

1. Call to order – Fausto Franceschini

Meeting was called to order at 4:01 pm.

2. Distribution of attendance list – Florent Heidet

The attendance list was passed among the attendees.

3. Secretary report – Florent Heidet & all

Minutes from the 2016 ANS Annual Meeting in New Orleans (prepared by Todd Palmer) were approved.

The Fall 2016 RPD newsletter was discussed, and a number of ideas were collected in order to improve its content. Among the ideas discussed:

- (1) Add a section with major updates from the academia/industry/laboratories; bullet style
- (2) Add a section with one or two short articles from prominent leaders (needs to be relevant to RPD membership, and not be self advertisement)
- (3) Provide a section with important deadlines (conferences, awards nominations...)

The RPD officers will be in charge of screening and deciding on the content.

4. RPD Website, ANS Collaborate – Florent Heidet

RPD website layout was recently updated and the content will soon be updated too.

A few students offered to help maintain the RPD website, and one will be selected by the RPD Vice-chair and the RPD secretary.

New website content will include list of RPD papers (title only) for each ANS meeting along with author's names. RPD officers will explore if it is possible to make the best RPD paper (for each meeting) available on the RPD website. They will also explore the possibility of authors to post their presentation on the RPD collaborate page.

5. ANS Student Conference – Organizing Committee representatives

The 2017 ANS Student Conference is being organized by the University of Pittsburgh from April 6-9, 2017. Registration is open.

Organizers have not yet received monetary support from RPD (only intent).



American Nuclear Society

RPD offered to help organize and participate in a “Meet RPD (or ANS professional divisions)” event at the student conference. It is up to RPD to engage the organizers.

6. M&C 2017 update – Han Gyu Joo

494 summaries were received and are currently being reviewed. About 300 will be selected for oral presentation and 120 anticipated for poster presentation. People interested in serving as reviewer should contact the M&C organizers.

7. Treasurer’s report – Fausto Franceschini (for Todd Palmer)

Detailed report in the RPD Fall 2016 newsletter.

In summary RPD is in good financial health and can consider allocating funds to grow RPD visibility.

8. RPD Scholarship Committee update – Benoit Forget

Always looking for more applicants, but overall everything is good.

9. RPD Nominating Committee update – Pavel Tsvetkov

About 20 names were collected and voting ballot are coming in the near future.

10. Program Committee updates – Cristian Rabiti

New Program Committee members were acknowledged

41 abstracts/presentations at the 2016 ANS Annual Meeting (New Orleans)

86 abstracts/presentations at the current 2016 ANS Winter Meeting (Las Vegas), including two special sessions

6 special sessions for the 2017 ANS Annual Meeting (San Francisco), with abstract submission deadline being January 11, 2017.

Young professionals poster sessions/competition will be added to the special session for the 2017 ANS Annual Meeting (Washington) in addition to the two special sessions already approved.

11. Standards Committee update – Dimitrios Cokinos

Meetings about ANS 19 and its three subsets are to come. More information were provided in the latest newsletter.

12. Honors and Awards Committee update – Dimitrios Cokinos

Nominations are still needed for the Eugene Wigner award. This year it has been awarded to two recipients (to Luiz Leal and Mark Williams) and will be presented during this meeting.

The newly created “Early Career Reactor Physicist award” will be presented during the 2017 ANS Annual Meeting (to Florent Heidet)

13. Feedback from ANS President’s Session – Fausto Franceschini

Grand challenges were discussed by the ANS president.

14. New businesses – All



American Nuclear Society

A **RPD value proposition** is being developed (Andrew Worrall). A draft document has been prepared. After discussion here are some general directions:

- (1) List the various domains composing RPD and provide that information on the RPD website
- (2) Provide a short narrative for each of those domains, trying to link them to other aspects (and professional divisions) of the ANS.
- (3) Highlight benefits of being RPD member

Chairs of RPD sessions will be asked to provide **highlights of their sessions** (representative of the current area of interest among the RPD community). These highlights are to be including in the RPD newsletter or website. To be tried at this current meeting.

Grand Challenges are an initiative set in place by the ANS president. RPD is to collect idea from their members, and consolidate those into 1 to 3 grand challenge idea (not required to be related to RPD) to be provided to ANS. Florent Heidet has been designated to take the lead on this.

15. Adjournment – Fausto Franceschini

Meeting was forced to be adjourned at 6:05 pm as the room was needed for other purposes.

Minutes prepared by Florent Heidet, RPD Secretary

Attachments: RPD Executive Committee Meeting Attendance Sheet
RPD Executive Committee Meeting Agenda
M&C 2017 Update presentation
2017 ANS Student Conference flyer



American Nuclear Society

ANS Winter Meeting 2016, November 6-10, 2016 Caesars Palace, Las Vegas, NV
Reactor Physics Division Executive Committee Meeting, ANS Winter Meeting

Sunday, November 6, 2016, 4:00 - 6:00 PM

Room Octavius 1 & 2, Caesars Palace Las Vegas

AGENDA

- | | | |
|--|--------|--------|
| 1. Welcome! Call to Order – Fausto Franceschini | | 3 min |
| 2. Distribution of Attendance List – Florent Heidet | 2 min | |
| 3. Secretary's Report – Florent Heidet | | 5 min |
| a. Approval of minutes, June 2016 meeting (New Orleans, LA) | | |
| b. RPD Newsletter (November 2016 edition) | | |
| 4. Treasurer's Report – Todd Palmer | 5 min | |
| a. Budget Status (payments, income, pending items, issues, projections, etc.) | | |
| b. Membership | | |
| c. Plans and discussion | | |
| 5. RPD Website, ANS Collaborate, Social Media – Arzu Alpan/Florent Heidet | 5 min | |
| 6. M&C 2017 Update – Han Gyu Joo | 10 min | |
| 7. ANS Student Conference Status update – Organizing Committee representatives (as organizing committee representatives arrive during the committee meeting) | 5 min | |
| 8. RPD Scholarship Committee Update – Ben Forget | 5 min | |
| 9. RPD Nominating Committee Update – Pavel Tsvetkov | | 5 min |
| 10. Program Committee Updates – Cristian Rabiti | | 10 min |
| a. Updates from the RPD Program Committee Meeting | | |
| b. 2016 Winter Meeting Status Report | | |
| c. 2017 Annual Meeting Status Report | | |
| 11. Standards Committee Update and Discussion – Dimitrios Cokinos | 5 min | |
| 12. Honors and Awards Committee Update – Dimitrios Cokinos | 5 min | |
| 13. Goals and Strategic Planning Committee Update – Fausto Franceschini | | 5 min |
| 14. Professional Divisions Committee Workshop Update Fausto Franceschini | 2 min | |
| 15. Feedback from ANS President's Session Fausto Franceschini | 3 min | |
| 16. Liaison report – Bill Martin | | 5 min |
| 17. New Business Fausto Franceschini et. al. | | |
| a. RPD Value Proposition – Andrew Worrall | | 5 min |
| b. RPD Membership Decline and engagement effort to develop a recovery strategy | 10 min | |
| c. Tactical and strategic plans for the division | | 10 min |
| d. ANS Grand challenges discussion | | 10 min |
| e. RPD PC and EC members duties | | 3 min |
| f. RPD co-sponsorship of ISR 16 | | 2 min |
| g. Other new business | | |
| 18. Adjournment | | |

At 6:05 PM

**Please remember to also join us in Octavius 1&2 at 1 to 2 PM for the
Reactor Physics Division-Goals & Planning Committee**



www.mc2017.org

M&C 2017

International Conference on Mathematics &
Computational Methods Applied to Nuclear Science & Engineering

April 16-20, 2017, Jeju, Korea

M&C 2017

SUBJECT AREAS

01. Deterministic Transport Methods and Applications
02. Monte Carlo Methods and Applications
03. Nuclear Data Evaluation
04. Subcritical System Analysis Methods
05. Uncertainty Quantification and Sensitivity Analysis
06. General Reactor Analysis Methods and Applications
07. Computational Fluid Dynamics
08. Computational Nuclear Thermal-Hydraulics
- 09. Multiphysics Power Reactor Simulation**
10. Computational Material Science
11. Modeling and Simulation for Fusion Energy Systems
12. High Performance Computing for Nuclear Applications
- 13. Mathematics and Computational Methods for General Nuclear Appl.**



R. Sanchez (CEA)

- Deterministic Transport Methods and Applications (1)
- General Reactor Analysis Methods and Applications (6)
- Modeling and Simulation for Fusion Energy Systems (11)



W. Yang (Purdue)

- Nuclear Data Evaluation (3)
- Subcritical System Analysis Methods (4)
- Uncertainty Quantification and Sensitivity Analysis (5)



J. Wagner (ORNL)

- Monte Carlo Methods and Applications (2)
- Multiphysics Power Reactor Simulation (8)
- High Performance Computing for Nuclear Applications (12)



H. Joo (SNU)

- Computational Field Dynamics (7)
- Computational Nuclear Thermal-Hydraulics (9)
- Computational Material Science (10)

| SA | Name | Executive TPC | Co-TPC | Local TPC |
|----|---|--------------------------|-----------------------|-----------------------|
| 1 | Deterministic Transport Methods and Applications | William Martin (UM) | Richard Sanchez (CEA) | Deokjung Lee (UNIST) |
| | | Marvin Adams (TAMU) | | |
| | | Hongchun Wu(Xian JTU) | | |
| 2 | Monte Carlo Methods and Applications | Forrest Brown (LANL) | John Wagner (ORNL) | Hyung Jin Shim (SNU) |
| | | Thomas Sutton (KAPL) | | |
| | | Jaakko Leppanen (VTT) | | |
| | | Kan Wang (Tsinghua U) | | |
| 3 | Nuclear Data Evaluation | Yasunobu Nagaya (JAEA) | Won Sik Yang (Purdue) | Young Ouk Lee (KAERI) |
| | | Mike Herman (BNL) | | |
| | | Alain Santamarina (CEA) | | |
| 4 | Subcritical System Analysis Methods | Keiichi Shibata (JAEA) | Richard Sanchez (CEA) | Eun Ki Lee (KHNP-CRI) |
| | | Piero Ravetto (Torino U) | | |
| 5 | Uncertainty Quantification and Sensitivity Analysis | Cheolho Pyeon (Kyoto U) | Richard Sanchez (CEA) | Eun Ki Lee (KHNP-CRI) |
| | | Pino Palmiotti (INL) | | |
| | | Andreas Pautz (PSI) | | |
| 6 | General Reactor Analysis Methods and Applications | Brad Rearden (ORNL) | Richard Sanchez (CEA) | Eun Ki Lee (KHNP-CRI) |
| | | Kord Smith (MIT) | | |
| | | Temitope Taiwo (ANL) | | |
| | | Akio Yamamoto (Nagoya U) | | |
| | | Shaohong Zhang (NuStar) | | |

| SA | Name | Executive TPC | Co-TPC | Local TPC |
|----|---|--------------------------|-----------------------|------------------------|
| 7 | Computational Fluid Dynamics | Dave Pointer (ORNL) | Han Gyu Joo (SNU) | Byung Jo Yoon (Pusan) |
| | | Emilio Beglietto (MIT) | | |
| 8 | Computational Nuclear Thermal-Hydraulics | Dominique Bestion (CEA) | Han Gyu Joo (SNU) | Han Young Yoon (KAERI) |
| | | Annalisa Manera (UM) | | |
| | | Jae Jun Jeong (Pusan U.) | | |
| 9 | Multiphysics Power Reactor Simulation | Thomas Downar(UM) | John Wagner (ORNL) | Jin Young Cho (KAERI) |
| | | Kiril Velkov (GRS) | | |
| 10 | Computational Material Science | Francois Willaime (CEA) | Han Gyu Joo (SNU) | Jun Hyun Kwon (KAERI) |
| | | Brian Wirth (UT) | | |
| 11 | Modeling and Simulation for Fusion Energy Systems | Taik Soo Mahm (SNU) | Richard Sanchez (CEA) | Yong Su Na (SNU) |
| | | Masatoshi Yagi (JAEA) | | |
| 12 | High Performance Computing for Nuclear Applications | Tom Evans (ORNL) | John Wagner (ORNL) | Bub Dong Chung (KAERI) |
| | | Jean Ragusa (TAMU) | | |
| | | Andrew Siegel (ANL) | | |

- Extended Summary Submission Completed with **494 Papers** after Two-week Extension
- Review in Progress with **295 Reviewers** (104 Reviews Done so far)
- Plenary Sessions Being Organized with **5 Plenary Speakers Accepted**
- Financial Sponsors Determined with **6 Sponsors** (will be more)
- Workshop Hosts Identified with **5 Workshops** (will invite more)
- Hotel Reservation System Operating and Tour Guide Updated

| Number of Papers and Reviewers by Subject | | | | | | | | | | | | | | | | | |
|---|---------|---|----|----|----|----|----|----|----|----|----|----|----|--------------|-----------|-----------|-----------|
| SA | Subject | | | | | | | | | | | | | Subject Area | Number of | | P/R Ratio |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | | Papers | Reviewers | |
| 1 | 15 | 4 | 1 | 1 | 7 | 10 | 4 | 5 | 7 | 3 | 9 | 12 | 11 | DetT | 89 | 35 | 2.5 |
| 2 | 17 | 8 | 24 | 6 | 8 | 13 | 16 | 4 | 4 | 19 | 0 | 0 | 0 | MC | 119 | 30 | 4.0 |
| 3 | 3 | 4 | 1 | 0 | 1 | 0 | 1 | 10 | 5 | 1 | 0 | 0 | 0 | NuclData | 26 | 11 | 2.4 |
| 4 | 3 | 0 | 6 | 1 | 1 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | SubCrit | 16 | 10 | 1.6 |
| 5 | 16 | 7 | 1 | 1 | 0 | 2 | 2 | 4 | 10 | 0 | 0 | 0 | 0 | UQSA | 43 | 39 | 1.1 |
| 6 | 5 | 4 | 11 | 10 | 11 | 2 | 1 | 8 | 7 | 10 | 16 | 0 | 0 | GenRxPhy | 85 | 47 | 1.8 |
| 7 | 3 | 1 | 3 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | CFD | 11 | 10 | 1.1 |
| 8 | 0 | 1 | 0 | 3 | 3 | 2 | 3 | 1 | 0 | 3 | 0 | 0 | 0 | CNTH | 16 | 18 | 0.9 |
| 9 | 14 | 2 | 5 | 8 | 3 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | MultiPhy | 35 | 24 | 1.5 |
| 10 | 3 | 2 | 0 | 1 | 2 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | CMatSci | 13 | 10 | 1.3 |
| 11 | 7 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | FusionMS | 12 | 28 | 0.4 |
| 12 | 3 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | HFCNucl | 7 | 15 | 0.5 |
| 13 | 16 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | MCGen | 22 | 18 | 1.2 |
| | | | | | | | | | | | | | | All | 494 | 295 | 1.7 |

* Student Authored: 242 (49%)

| Country | Subject Area | | | | | | | | | | | | | Sum |
|---------|--------------|-----|----|----|----|----|----|----|----|----|----|----|----|-----|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | |
| US | 42 | 42 | 11 | 4 | 21 | 28 | 3 | 5 | 17 | 6 | 0 | 4 | 11 | 194 |
| China | 10 | 28 | 2 | 2 | 5 | 4 | 2 | 4 | 4 | 2 | 0 | 2 | 1 | 66 |
| Korea | 5 | 12 | 2 | 1 | 1 | 12 | 1 | 3 | 2 | 3 | 7 | 0 | 1 | 50 |
| France | 8 | 5 | 3 | 0 | 3 | 9 | 1 | 0 | 2 | 0 | 0 | 0 | 2 | 33 |
| Germany | 4 | 3 | 0 | 1 | 2 | 8 | 1 | 0 | 6 | 0 | 0 | 0 | 0 | 25 |
| Japan | 2 | 3 | 1 | 3 | 2 | 3 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 20 |
| UK | 3 | 6 | 0 | 0 | 1 | 3 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 16 |
| Russia | 2 | 2 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 10 |
| Swiss | 3 | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 |
| Belgium | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 7 |
| Sweden | 1 | 1 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 6 |
| Spain | 1 | 1 | 0 | 0 | 1 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 6 |
| Canada | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 5 |
| Finland | 0 | 3 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Brazil | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 |
| Czech | 0 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Italy | 2 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| Sum | 89 | 119 | 26 | 16 | 43 | 85 | 11 | 16 | 35 | 13 | 12 | 7 | 22 | 494 |

| Country | Sum |
|--------------|-----|
| India | 4 |
| Hungary | 4 |
| Israel | 4 |
| Taiwan | 3 |
| Australia | 2 |
| Egypt | 2 |
| Netherlands | 2 |
| Slovenia | 2 |
| Jordan | 1 |
| Austria | 1 |
| Greece | 1 |
| Iran | 1 |
| South Africa | 1 |
| Viet Nam | 1 |
| Sum | 494 |

Papers from 31 countries

- **Two reviews per paper** at least
- Reviewer free to choose papers out of **3 SAs** he/she selected
- ETPC will assign less reviewed papers manually by email
- **Top 10 % best paper candidates** to be recommended for **best student paper award** and **NET journal publication**
- Four choices in review decision (**AB, A, AC, R**)
- Conditionally accepted papers will be thoroughly reviewed with full papers
- **Oral or Poster** presentation recommended by each reviewer
- **Review** to be completed **by Dec. 15** for **Full paper due Feb. 18, 2017**

| Time | Sun(16) | Mon(17) | Tue(18) | Wed(19) | Thu(20) | Duration, min |
|-------|--------------|----------------------|--------------|----------|---------|---------------|
| 8:30 | | Breakfast Meetings | | | | |
| | | Opening & Plenary 1 | Oral 3 | Oral 6 | Oral 10 | 100 (4) |
| 10:10 | Registration | | Coffee Break | | | |
| 10:30 | Workshop 1 | Plenary 2 | Oral 4 | Oral 7 | Oral 11 | 100 (4) |
| 12:10 | Lunch | Lunch | Lunch | Luncheon | Lunch | 70 |
| 13:20 | Workshop 2 | Oral 1 | Oral 5 | Oral 8 | Oral 12 | 125 (5) |
| 15:25 | Break | Coffee Break | | | | 25 |
| 15:50 | Workshop 3 | Oral 2 | Poster 2 | Oral 9 | Closing | 100 (4) |
| 17:30 | | Break | | | | 30 |
| 18:00 | Reception | Poster 1 with Snacks | Banquet | | | 120 |
| 20:00 | | | | | | |

| Pres. Type | Papers/Track | Tracks | Total |
|--------------|--------------|--------|------------|
| Oral | 52 | 6 | 312 |
| Poster | 75 | 2 | 150 |
| Total | | | 462 |

- Review Results December 17, 2016
- Full Paper Due February 18, 2017
- Early Registration Due March 4, 2017
- Hotel Reservation Due March 17, 2017
- Meeting April 16-20, 2017

- Early Registration \$800 (\$200 for Students)

M&C 2017 - International Conference on Mathematics & Computational Methods Applied to Nuclear Science & Engineering -
 Jeju, Korea, April 16-20, 2017, on USB Drive

The Title Goes Here

Author Names

Affiliation Information: Street Address/Box Number, City, State, Postal Code, and Email Address

Abstract - This template provides the standard format and styles of the full papers to be submitted to M&C 2017. It is basically the same as the extended summary template except that the abstract is given and the section numbers are specified.

I. INTRODUCTION (HEADING A)

The first heading of your manuscript must be "I. INTRODUCTION."

II. DESCRIPTION OF THE ACTUAL WORK (HEADING A)

This work must be new and significant.

1. Paragraph Format (Heading B)

This is the standard font and layout for the individual paragraphs. The style is called "Paragraph." Replace this font with your font. The Affiliation box will take you to a new



Fig. 1. ANS logo, not to be reproduced in your summary.

III. RESULTS (HEADING A)

List the research results, and discuss the significance.

IV. CONCLUSIONS (HEADING A)

Provide the conclusions of the work.

M&C 2017

HOTEL INFORMATION

Hotel List

USD1.00=KRW1,100

| Hotel Name | Room Type | Room Rate | Breakfast | Distance |
|--|---------------------------------|-------------|-----------|-----------------|
| Booyoung Hotel & Resort www.booyoungjejuhotel.com (M&C 2017 Official Hotel) | Standard | KRW 140,000 | | |
| | Hotel | | | |
| | Deluxe | KRW 170,000 | Excluded | 2 min. on foot |
| | Premium | KRW 190,000 | | |
| Resort | Premium Suite | KRW 250,000 | | |
| | Suites Hotel | | | |
| http://jeju.suites.co.kr | Deluxe Double | KRW 170,000 | Excluded | 5 min. by car |
| | Standard Double | KRW 90,000 | Included | 5 min. by car |
| Benikea Jungmun Hotel www.benikeajungmun.com | Deluxe Twin | KRW 100,000 | | |
| | Standard Twin | KRW 85,000 | Included | 7 min. by car |
| Aria Hotel www.ariahotel.com | Standard Double | KRW 85,000 | | |
| | Double | KRW 80,000 | | |
| Sunrise Hotel srjhm.com | Twin | KRW 80,000 | Included | 10 min. on foot |
| | Friend (Double 1 + Single 1) | KRW 80,000 | | |

2017 International Conference on Sustainable & Computational Methods Applied to Marine Science & Engineering, Jeju, Korea

**Thank you.
See you in Jeju.**

www.mc2017.org





2017

DISPELLING NUCLEAR MYTHS

ANS Student Conference

April 6-9, 2017 | University of Pittsburgh

Call For Summaries

Topics in Nuclear Science and Technology

Officials:

Conference Co-Chair
Miriam Rathbun

Conference Co-Chair
Brendan Stack

Technical Program Chair
Christopher D'Angelo

Format

All summaries must be 1-4 pages and be written in the ANS format found here: ans.org/pubs/transactions.

Submitting Your Summary

Summaries may either be submitted for poster or podium presentations. Submitting a summary for one of these presentations does **not** also include you into the innovation competition. Summaries must be submitted electronically and instructions can be found on the conference website.

Technical Tracks

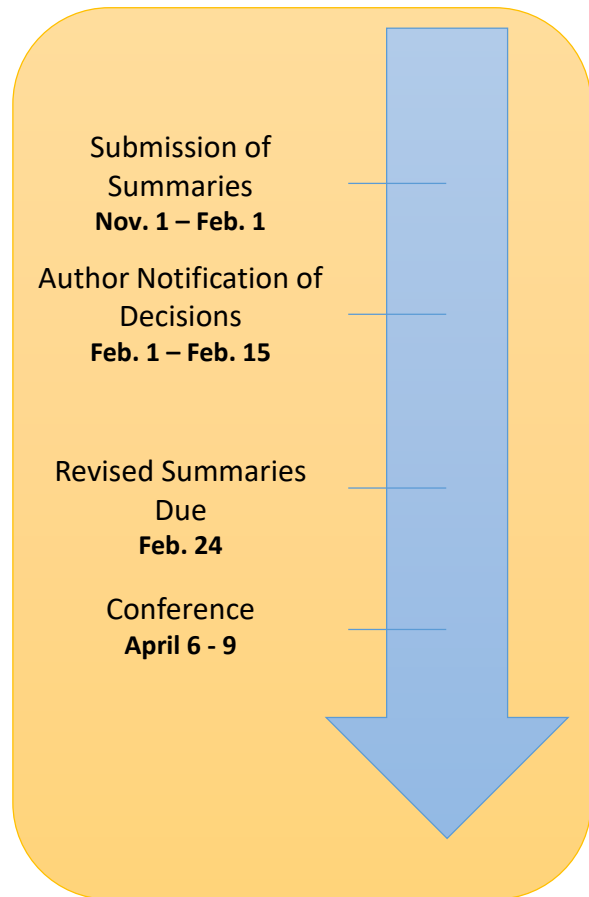
- Accelerator Applications
- Advanced Reactors
- Aerospace
- Biology & Medicine
- Decommissioning & Environmental Sciences
- Detection and Measurement
- Fuel Cycle & Waste Management*
- Fusion Energy & Plasmas
- Human Factors, Instr. & Control*
- Isotopes & Radiation
- Materials Science & Technology
- Mathematics & Computation *
- Nuclear Criticality Safety
- Nuclear Installations Safety*
- Nuclear Nonproliferation
- Operations & Power
- Radiation Protection & Shielding*
- Reactor Physics
- Robotics & Remote Systems
- Thermal Hydraulics

- - Division Sponsored Cash Award

The best papers selected will be invited for submission to the Nuclear Engineering Design journal special section.



ANS



Contact Us

If you have any questions please send them to technical.ansstudent2017@gmail.com or search for answers on our website: ansstudentconference2017.com.