Radiation Safety Information Computational Center

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I think luck is the sense to recognize an opportunity and the ability to take advantage of it. Every one has bad breaks, but every one also has opportunities. The man who can smile at his breaks and grab his chances gets on.—Samuel Goldwyn

RSICC staff will be participating in Global 2007 in Boise, ID, September 9–13. Requests submitted during that time will be processed the following week.

Changes to the Computer Code and Data Collection

CCC-553/RASCAL 3.0.5

Athey Consulting, Charles Town, West Virginia, and the U.S. Nuclear Regulatory Commission, Washington, D.C, contributed a newly frozen version of the **R**adiological **AS**sessment for **C**onsequence **A**na**L**ysis code system. RASCAL can estimate reactor source term, atmospheric transport and doses resulting from radiological emergencies and can be used to assist in making protective action decisions. RASCAL 3.0.5 is the latest in the series of the code. It was developed for the U.S. Nuclear Regulatory Commission and is designed to be used in the independent assessment of dose projections during response to radiological emergencies. The system supplements assessments based on plant conditions and quick estimates based on hand-calculation methods. RASCAL will be used by response personnel to conduct an independent evaluation of dose and consequence projections and for training and drills. The model was developed to allow consideration of the dominant aspects of source term, transport, dose, and consequences. Source term calculations in RASCAL estimate the amount of radioactive (or hazardous) material released based on a wide variety of potential radiological accident scenarios. The source term calculations performed that pertain to fuel-cycle facility and materials accidents can be generally

categorized as (1) fuel-cycle facility/UF accidents, (2) uranium fires and explosions, (3) criticality accidents, and (4) isotopic releases (e.g., transportation, materials).

RASCAL runs on personal computers under Windows XP. Included are the referenced documents and one CD which includes executables, data, help files, and an install procedure. Source files are not included in this release. References: NUREG-Draft (June 2007) and Workbook (June 4, 2007). Fortran 77, Basic; Pentium running Windows95, XP or later (C00553PC58607).

CCC-741/1DB-2DB-3DB

Pacific Northwest National Laboratory, Richland, Washington, contributed a new code package for use in reactor analysis. 1DB-2DB-3DB contains multipurpose, one-, two-, and three-dimensional diffusion theory codes for use in reactor analysis. 1DB is a one-dimensional (plane, cylinder, sphere), multigroup diffusion (and Sn) code. 2DB is a two-dimensional (X-Y, R-Z, R-theta, triangular), multigroup diffusion code. 3DB is a three-dimensional (X-Y-Z, R-theta-Z, Hex-Z), multigroup diffusion code. The codes can be used to:

* Compute K_{eff} using either a flux or an adjoint flux model,
* Compute isotope burnup, and
* Compute flux distributions for an extraneous source

The codes read cross-section libraries in DTF format. Note that cross sections are not included in this package. This release replaces earlier versions distributed by RSICC as CCC-614/1DB, CCC-134/2D0, and CCC-328/3DB (RSICC IDs: C614ALLCP00, C134U110800, and C328C000000).

1DB-2DB-3DB runs on personal computers under either WindowsXP or Windows Vista. The codes are written in Visual Basic (Visual Studio.net) and use Windows for all input and output. The current versions are complete revisions of previous Fortran versions. MS Visual Studio 2005 was used to create the executables which are included in the package. Alternately, Microsoft Visual Studio Express, a low-cost restricted version of Visual Studio, can be used. References: WHC-EP-0435 (September 1991), BNWL-640 (January 1968), BNWL-1264 (March 1970). Visual Basic, Windows PC (C00741PC58600).

ANS News

Rearden receives ANS's Landis award

Brad Rearden, of the ORNL Nuclear Science and Technology Division's Radiation Transport and Criticality group, is the 2007 recipient of the American Nuclear Society Landis Young Member Engineering Achievement Award. Brad is nationally and internationally recognized for his expertise and significant contributions in the implementation of sensitivity and uncertainty methods into Monte Carlo nuclear analysis codes. The Landis award recognizes “outstanding achievement in which engineering knowledge has been effectively applied to yield an engineering concept, design, safety improvement, method of analysis or product utilized in nuclear power research and development or commercial application.” Brad received the award at the ANS annual meeting in June.

ANS PUBLISHES NEW BOOK

50 Years in Nuclear Power: A Retrospective, by Salomon Levy, describes many significant experiences over a period of about 50 years in the field of nuclear power-generated electricity. To read more about the book, go to http://www.ans.org/store/vc-spcl.

ANSI/ANS-8.24-2007

Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations–-This standard provides requirements and recommendations for validation, including establishing applicability, of neutron transport calculational methods used in determining critical or subcritical conditions for nuclear criticality safety analyses. Paper and electronic copies available now; http://www.ans.org/store/index.cgi?q=8.24-2007.

CONFERENCES, COURSES, SYMPOSIA

RSICC attempts to keep its users and contributors advised of conferences, courses, and symposia in the field of radiation protection, transport, and shielding through this section of the newsletter. Should you be involved in the planning/organization of such events, feel free to send your announcements and calls for papers via email to riceaf@ornl.gov with "conferences" in the subject line by the 20th of each month. Please include the announcement in its native format as an attachment to the message. If the meeting is on a website, please include the url.

Every attempt is made to ensure that the links provided in the Conference and Calendar sections of this newsletter are correct and live. However, the very nature of the web creates the possibility that the links may become unavailable. In that case, please call or mail the contact provided.

MCNPX Workshops

2007 Schedule		
September 17–21	Santa Fe, NM	Advanced

MCNPX is packed with new and exciting plotting features, including numerous mesh tally options which can be superimposed on your geometry plot and plotted within the MCNPX run, eliminating the need for post-processing and costly additional plotting package(s). You can plot particle flux, tracks, dosage, and energy deposition as well as source points and many others.

The workshops include hands-on instruction, generally on PC Windows machines. Subject to participant export approval from the MCNPX beta test team, participants will be able to access the Fortran 90 version of MCNPX 2.6, the LA150 (150 MeV) cross-section data libraries for over 40 isotopes for incident neutrons and protons and 12 for photonuclear interactions, and a notebook of viewgraphs.

Follow-up consultation for class participants will be provided.

The classes are taught by experienced MCNPX code developers and instructors. More information on code versions and capabilities is available at the MCNPX Workshops web site http://mcnpx.lanl.gov/. The cost for U.S. workshops is $2,000 (U.S.) with a $300 early registration discount (30 days before the scheduled workshop). Workshops with fewer than 12 registrants on the early registration date are subject to cancellation or rescheduling. To register send an email to nbutner@lanl.gov indicating the workshop of interest to you.

Fall 2007 SCALE Training Courses at ORNL

Date	Title	Description
October 15–19	**ORIGEN-ARP/TRITON**	ORIGEN-ARP: Isotopic depletion/decay and source terms using latest version of ORIGEN TRITON: 2-D reactor physics analysis using NEWT

October 22–26	**KENO V.a**	CSAS/KENO V.a (including KENO3D and GeeWiz)
October 29–November 2	**TSUNAMI* Sensitivity/ Uncertainty Tools**	1-D and 3-D sensitivity/uncertainty analysis using XSDRNPM and KENO V.a
*Experienced KENO users only		

The registration fee is $1800 for each course. A late fee of $300 will be applied for late registrations. A discount of $300 per each additional week will be applied for registration to multiple courses. **Class size is limited and course may be canceled if minimum enrollment is not obtained one month prior to the course**. Course fees are refundable up to one month before each class. **Note that all attendees must be registered SCALE 5 or 5.1 users.** All foreign national visitors must register 40 days prior to the start date of the training course they plan to attend. Course descriptions may be found at http://www.ornl.gov/sci/scale/course_description.htm.

Introductory and Advanced MCNP Visual Editor Training

Date (Click Date for Info)	Class	Course Content	Location
Sept. 17–21, 2007	Introduction to MCNP using the MCNP/MCNPX Visual Editor	Detailed Description	Richland, WA
Nov. 5–9, 2007	Introduction to MCNP using the MCNP/MCNPX Visual Editor	Detailed Description	Richland, WA

Classes are taught using the most recent (beta) version of the Visual Editor Code. Beta versions will only be available to students that own the RSICC version 5 release. Bring proof of ownership to the class.

The introductory classes combine teaching on MCNP physics, along with instructions on how to use the Visual Editor. The advanced class assumes the user has experience using MCNP or MCNPX and focuses on Visual Editor topics. Computer demonstrations and exercises will focus on creating and interrogating input files with the Visual Editor. Advanced visualization work using MCNP will also be demonstrated. Both the introductory and advanced classes will be taught on Pentium computers running Windows 2000. Attendees are encouraged to bring their own input files for viewing and modifying in the visual editor. The course description and registration information can be found at http://www.mcnpvised.com/index.html.

MCNP Class Schedule

October 1–4, 2007	Variance Reduction with MCNP	Los Alamos National Laboratory
October 9–12, 2007	Criticality Calculations with MCNP	Los Alamos National Laboratory
October 15–19, 2007	Introduction to MCNP	Los Alamos National Laboratory

Introductory classes are for people who have little or no experience with MCNP. This class surveys the features of MCNP so the beginning user will be introduced to the capabilities of the program and will have hands-on experience at running the code to solve simple problems. Course topics include Basic Geometry, Source Definitions, Output (Tallies), Advanced Geometry (repeated structures specification), Variance Reduction Techniques, Statistical Analysis, Criticality, Plotting of Geometry and Tallies, and Neutron / Photon / Electron Physics.

Advanced classes are for people with MCNP experience who want to extend their knowledge and gain depth of understanding. Most areas of MCNP operation will be discussed in detail, with emphasis on Advanced Geometry, Advanced Variance Reduction Techniques, and other advanced features of the program. Time will be available to discuss approaches to specific problems of interest to students. Classes on specific topics are offered when there is sufficient interest. In the recent past, classes on variance reduction and on criticality have been taught.

Registration and the most current information can be found at http://mcnp-green.lanl.gov/classinformation.html.

"CMPWG-II" Computational Medical Physics Working Group Workshop II

"CMPWG-II" Computational Medical Physics Working Group Workshop II will be hosted by the University of Florida, in Gainesville on September 30–October 3, 2007. This is the Second Computational Medical Physics Working Group Workshop ("CMPWG-II"). The first workshop was held at Oak Ridge National Laboratory in 2005 and was well-attended. Guest speakers from Shands Hospital Oncology and Radiology will discuss the unique challenges ahead for medical physics simulations in therapy and diagnostic applications. The purpose of this meeting is to provide a technical exchange of ideas and a forum for novel approaches to simulating radiation transport and dosimetry for accurate and efficient assessments for the enhancement of dose assessment, treatment planning, image quality evaluations, calibration, etc. Conference registration is $300/person, $100/student participants.

Abstracts of 500–1000 words, due by **August 25, 2007,** may be submitted to sjoden@ufl.edu . Full papers in MS-Word or PDF format for approved abstracts are due upon arrival at the workshop and will be published as a Technical Proceedings. Instructions for accepted papers will be provided at the time of acceptance. "Best" quality full papers presented upon registration will be selected and forwarded for further peer review and publication in a special edition of the *Nuclear Technology Journal*, a publication of the American Nuclear Society. A template is available for download at http://cmpwg.ans.org. The Technical Program Committee will select the best paper submitted by a graduate.

The conference will be held at the Hilton Hotel and Conference Center; reservations may be made directly with the hotel by specifying the rate code to be supplied later. Questions on facilities related to the workshop can be directed to Geri Roberts, 352-392-1401, x306. For information about the conference, contact Dr. Glenn Sjoden, (352) 392-1401, x323, fax: (352) 392-3380, email: sjoden@ufl.edu.

CONRAD-WP4

The European Radiation Dosimetry Group (EURADOS) is sponsoring the CONRAD WP4 workshop on "Uncertainty Assessment in Computational Dosimetry: A Comparison of Approaches." The workshop will be held in Bologna, Italy, October 1–3, 2007. The aims of the workshop are to discuss the results of a questionnaire on the expression of uncertainties in dosimetry measurements and calculations and to present contributions of general relevance within the scope of the WP4 action. Summaries of the results will be presented together with oral and poster communications by the participants on the following topics:

- recoil-proton telescope detector,
- bonner sphere spectrometer,
- sigma simulated workplace neutron field,
- photon irradiation facility,
- manganese bath,
- iron sphere experiments,

- energy response characteristics of a radfet radiation detector, and
- recoil-proton telescope detector; sensitivity and uncertainty analysis.

The workshop chairman is Dr. Gianfranco Gualdrini, ENEA-Instituto di Radioprotezione, 16 Via dei colli, 40136 Bologna (BO) Italy (email guald@bologna.enea.it, phone 39 051-6098350, fax 39 051-6098003). Details and the latest news regarding the workshop can be found at http://www.eurados.org/conrad/wg6_Bologna.htm.

10th International Nuclear Power Safety and Nuclear Education Conference

Obninsk State Technical University for Nuclear Power Engineering will host the 10th International Nuclear Power Safety and Nuclear Education Conference, October 1–7, 2007, in Obninsk. The following topics are included in the technical program:

- innovative nuclear systems and fuel cycle,
- nuclear education, training and knowledge preservation,
- safety fundamentals of nuclear technologies,
- advanced fuel cycles and nonproliferation,
- radiological safety and environmental protection, and
- reliability, endurance and lifetime resource management.

Contact the Conference Secretary, Ms. Elena Zinovieva, Obninsk State Techn. Univ. (zev@iate.obninsk.ru) for details regarding registration and paper submission.

NUPPAC' 07

The 6th Conference on Nuclear and Particle Physics (NUPPAC ’07) will be held Nov. 17–21, 2007, in Luxor, Egypt. The conference topics are:

- nuclear scattering and reactions,
- nuclear models and spectroscopy,
- high energy and particle physics,
- neutron and reactor physics,
- plasma and fusion physics,
- relativistic and quantum physics,
- computer codes (modeling, simulation, analysis),
- nuclear analytical techniques,
- reactor and accelerator utilization,
- detectors and instrumentation,
- radiation measurements and dosimetry, and
- applied nuclear physics.

The registration and instructions for submitting abstracts to the conference can be found at the website, http://www.geocities.com/Athens/Library/7348/NUPPAC_07.html. Correspondence should be addressed to Prof. Dr. M.N.H. Comsan, Chairman of NUPPAC' 07, Egyptian Nuclear Physics Association (ENPA), 3 Ahmed Elzomor St., Elzohour District, Nasr City, Cairo, Postal Code 11787, Egypt (phone 202-4021018, fax 202-2876031, email mnhcomsan@menanet.net or comsanmn@hotmail.com).

2008 HPS Midyear Meeting "Radiation-Generating Devices"

The 2008 Midyear Health Physics Society meeting "Radiation-Generating Devices" (http://hpschapters.org/2008midyear/) will be held at Oakland Marriott Convention Center in California, January 27-30, 2008. It is sponsored by the Northern California Chapter of HPS and the HPS Accelerator Section. The meeting will present opportunity and a forum to exchange technical information and ideas in a wide range of topics from radiation protection of accelerators, lasers and radioisotopic source devices in research, medical, industrial and homeland security applications, as well as detection instrumentation, calibration, dosimetry, biological effects of radiation to regulatory and legal concerns. The meeting technical program will be led by renowned experts in the field. There will be oral and postal presentations, Technical Exhibition, and a 3-day Professional Development School titled "Topics in Accelerator Health Physics" (http://hps.org/pds2008/index.html) following immediately the meeting at the same place. The organizing committee has issued the call for abstracts which can be found at http://hpschapters.org/2008midyear/Call_for_Abstracts.pdf. The meeting topics include:

- The Health Physics Challenges of New Accelerator Initiatives
- Medical Therapy and Imaging (PET, Linacs, X-rays, etc.)
- Research Accelerators and Lasers
- Radiation-Generating Devices in Industry (radiography, ion implantation, neutron generators, food irradiation, well logging, etc.)
- Homeland Security Considerations (cargo and human imaging, active neutron interrogation, etc.)
- The Evolution of Health Physics for Radiation-Generating Devices (accelerator, medical, industrial)
- General Health Physics Topics of Radiation-Generating Devices (detection instrumentation, calibration, dosimetry, shielding, interlocks, radiation damage and activation, biological effects, field and environmental monitoring, regulatory, etc.)

Complete and updated information can be found at http://hpschapters.org/2008midyear/.

WM2008

The theme for the WM2008 is "*Phoenix Rising: Moving Forward in Waste Management*." The conference will be held in Phoenix, Arizona, February 24–28, 2008. The organizing committee has issued the call for papers, which can be found at http://www.wmsym.org/pdf/WM08Call.pdf. The website, http://www.wmsym.org/html/wm_conference.cfm, is open for abstract submission. The deadline to submit an abstract is August 31, 2007. Papers describing research, development and operational experience over the complete spectrum of nuclear waste activities are requested. Topics are categorized into general tracks which are listed in the Call for Papers. Check the website for updates to conference information often. Technical program questions may be directed to WM08 Program Advisory Committee Chairman Gary Benda at +1-803-345-2170 or email gbenda@wmarizona.org. For non-technical questions related to the Program, authors and speakers may contact: WM Administration at +1-520-696-0399 or papers@wmarizona.org, or WM Technical Program Coordinator Michelle Rehmann - michelle_rehmann@wmarizona.org.

International Symposium on Reactor Dosimetry

The thirteenth International Symposium on Reactor Dosimetry will be held the May 25–30, 2008 in the Hotel Akersloot, 6 kilometers south of Alkmaar in the Netherlands. This Symposium has a long

history and has been organized approximately every three years alternately in Europe and the United States or Japan. The Symposium theme is dosimetry for the assessment of irradiated reactor materials and reactor experiments, featuring radiation metrology techniques, data bases, and standardization. The Call for Papers can be reviewed on the official symposium website http://safelife.jrc.nl/ISRD/. Abstracts for paper submittal are due October 1, 2007 and should be associated with one of the following topics:

- Reactor surveillance and plant life management
- Data evaluation, uncertainty analysis, and adjustment methods
- Retrospective dosimetry and decommissioning
- Dosimetry for assessment of reactor structural materials
- Neutron and gamma-ray transport calculations
- Dosimetry for core characterization and reactor physics
- Characterization of neutron and gamma ray environments
- Damage correlation and exposure parameters
- Monitoring of irradiation experiments
- Nuclear data for dosimetry
- Benchmarking, calibrations, and standards
- Fusion and high energy neutrons
- Advanced reactors and accelerator neutron sources
- Irradiation processing and testing of electronics
- Experimental techniques, new developments, and optical methods
- Neutron dosimetry for space nuclear power

This Symposium is jointly organized by ASTM Committee E 10 on Nuclear Technology and Applications and the European Working Group on Reactor Dosimetry (EWGRD). The 13th symposium is hosted by The Joint Research Centre, Institute for Energy, Petten.

NPAE-Kyiv2008

The Second International Conference on Current Problems in Nuclear Physics and Atomic Energy (NPAE-Kyiv2008) will be held June 9–15, 2008 in Kyiv, Ukraine.

The first International Conference on Current Problems in Nuclear Physics and Atomic Energy (NPAE-Kyiv2006) was held in Kyiv (Ukraine) in 2006; the proceedings are available at http://www.kinr.kiev.ua/NPAE_Kyiv2006/.

This conference brings together scientists to share knowledge in current problems of nuclear physics and atomic energy. The NPAE-Kyiv2008 conference will cover the following topics:

- collective processes in atomic nuclei,
- nuclear reactions at low and high energies,
- nuclear structure and decay data,
- rare nuclear processes,
- nuclear astrophysics,
- neutron and reactor physics,
- nuclear data and data evaluation,
- problems of atomic energy,
- applied nuclear physics in medicine and industry, and
- experimental facilities and detection techniques.

The conference will consist of plenary sessions, parallel sessions, and poster sessions. Plenary sessions are composed of invited talks, and parallel sessions consist of invited talks and oral presentations selected from contributions. The working language of the conference is English.

The NPAE-Kyiv2008 conference is organized by the National Academy of Sciences of Ukraine (NASU, http://www.nas.gov.ua), the Institute for Nuclear Research of NASU, Kyiv (KINR, http://www.kinr.kiev.ua) in collaboration with Taras Shevchenko National University of Kyiv (NTSU, http://www.univ.kiev.ua). The conference chairman is I.M. Vyshnevskyi (KINR) and the scientific secretaries are V.Yu. Denisov (KINR) and O.O.Gritzay (KINR).

The Proceedings of the Conference will be published by the Publishing Department of KINR; selected papers will be also published in *Nuclear Physics and Atomic Energy* (http://jnpae.kinr.kiev.ua).

Please address all the mail and questions concerning scientific program, publication, etc. to: Dr. Vitali Yu. Denisov or Dr. Olena O. Gritzay, Institute for Nuclear Research, Prospect Nauky, 47, Kyiv, 03680, Ukraine (email npae-kyiv2008@kinr.kiev.ua). Information on the conference may be found at the website http://www.kinr.kiev.ua/NPAE-Kyiv2008.

PHYSOR'08

The International Conference on the Physics of Reactors (PHYSOR'08) will be held at the Kursaal Conference Center, Interlaken, Switzerland, September 14–19, 2008. The conference theme is "Nuclear Power: A Sustainable Resource," and is jointly organized by the Paul Scherrer Institut and the Swiss Nuclear Society. This international conference follows the tradition of the earlier PHYSOR meetings and seeks to provide a forum for worldwide experts in reactor physics, nuclear power plant analysis and related technologies.

Main topic areas include:

– neutronics calculations and experiments,
– reactor analysis methods,
– fuel and core design,
– fuel cycle physics,
– advanced systems,
– nuclear power and sustainable development,
– reactor materials challenges,
– nuclear safety analysis and multiphysics,
– experimental facilities for safety research, and
– biomedical and other non-power applications.

August 15, 2007, is the opening date for submission of extended summaries of 1,000–1,500 words. The submission deadline is October 5, 2007. Relevant information may be found at http://www.physor2008.ch/.

CALENDAR

September 2007

ICEM'07, the 11th International Conference on Environmental Remediation and Radioactive Waste Management, Sept. 2–6, 2007, Bruges, Belgium. Contact: Gary Benda, WM'07 Conference Organizer, STUDSVIK/RACE, LLC, (phone +1-803-345-2170, email GBenda_use@hotmail.com) url http://www.icemconf.com/.

MCNPX Intermediate Class, Sept. 3–7, 2007, OECD NEA Data Bank - co-sponsored by ORNL/RSICC, Issy les Moulineaux, France. Contact: Cristina Lebunetelle, OECD/Nuclear Energy Agency Data Bank (email programs@nea.fr, fax +33 1 45241109).

Global ’07 “Advanced Nuclear Fuel Cycles and Systems” Sept. 9–13, 2007, Boise, Idaho. Information is posted at http://nuclear.inel.gov/global07/contacts.shtml.

SCALE TRITON - Multidimensional Transport and Depletion Course, Sept. 10–13, 2007, OECD NEA Data Bank - co-sponsored by ORNL/RSICC, Issy les Moulineaux, France. Contact: Cristina Lebunetelle, OECD/Nuclear Energy Agency Data Bank (email programs@nea.fr, fax +33 1 45241109).

2007 Decommissioning, Decontamination, and Reutilization Meeting and Expo, Sept. 16–19, 2007, Chattanooga, Tennessee. Contact: Joe Carignan, General Chair (phone 423-875-4555, email jecarignan@aol.com) url http://www.ans.org/meetings/index.cgi?c=t#ddr07.

TRTR 2007 Annual Meeting, Sept. 17–20, 2007, Lincoln City, Oregon. Contact: Dina Pope, Oregon State University, Radiation Center, Corvallis, OR 97331 (phone 541-737-7052, fax 541-737-0480, dina.pope@oregonstate.edu) or Steve Reese (phone 541-737-2341, fax: 541-737-0480, steve.reese@oregonstate.edu) url http://www.trtr.org/Ann_Mtg/2007%20meeting/Index.html.

MCNPX Advanced Workshop, Sept 17–21, 2007, Santa Fe, New Mexico. Contact: Nancy Butner, D-5 Nuclear Design and Risk Analysis Group (phone 505-667-8016, email nbutner@lanl.gov) url http://mcnpx.lanl.gov/.

RIAC Training, Sept. 18–20, 2007, Las Vegas, Nevada, a series of courses offered by the Reliability Information Analysis Center. Contact: The Reliability Information Analysis Center, 6000 Flanagan Road, Suite 3, Utica NY 13502-1348 (email inquiry@TheRIAC.org, phone 315-351-4200 or toll free 877-363-7422 ,fax 315-351-4209) url http://quanterion.com/RIAC/Training/Presentations/September2007.asp.

International Radiation Protection Association (IRPA) Regional Congress for Central and Eastern Europe, Sept. 24–28, 2007, Brasov, Romania. Contact: Constantin Milu, Institute of Public Health, Str. dr. Leonte No.1-3, RO-050463 Bucharest 35, Romania (phone (40 21) 3141971, fax (40 21) 3183635, email irpa2007@ispb.ro) url: http://www.irpa2007romania.com/.

“CMPWG-II” Computational Medical Physics Working Group Workshop II, Sept. 30–Oct 3, 2007, University of Florida-Gainesville. Contact: Dr. Glenn Sjoden, (352) 392-1401, x323, fax: (352) 392-3380, email: sjoden@ufl.edu.

October 2007

CONRAD WP4 workshop on “Uncertainty Assessment in Computational Dosimetry: A Comparison of Approaches,” Oct. 1–3, 2007, Bologna, Italy. Contact: Dr. Gianfranco Gualdrini, ENEA-Instituto di Radioprotezione, 16 Via dei colli, 40136 Bologna (BO), Italy (email guald@bologna.enea.it, phone 39 051-6098350, fax 39 051-6098003) url: http://www.eurados.org/.

14th BEAMnrc Workshop, Oct. 1–4, 2007, Ottawa, Canada. Contact: Dave Rogers, Physics Department, Carleton University, 1125 Colonel By Drive, Ottawa, Ontario, Canada, K1S 5B6 (phone 613-520-2600x4374, fax 613-520-4061, e-mail BEAM_Workshop@irs.phy.nrc.ca) url http://www.physics.carleton.ca/~drogers/BEAM/course/.

10th International Nuclear Power Safety and Nuclear Education Conference, Oct. 1–7, 2007, Obninsk, Russia. Contact: Ms. Elena Zinovieva, Obninsk State Techn. Univ. (zev@iate.obninsk.ru).

SCALE Training: ORIGEN-ARP/TRITON Course, Oct. 15–19, 2007, Oak Ridge National Laboratory, Oak Ridge, TN. Information and registration can be found at http://www.ornl.gov/sci/scale/training.htm.

SCALE Training: KENO-VI Course, Oct. 22–26, 2007, Oak Ridge National Laboratory, Oak Ridge, TN. Information and registration can be found at http://www.ornl.gov/sci/scale/training.htm.

MCNPX Intermediate Workshop, Oct. 22–26, 2007, Europe. Contact: Nancy Butner, D-5 Nuclear Design and Risk Analysis Group (phone 505-667-8016, email nbutner@lanl.gov) url http://mcnpx.lanl.gov/.

SCALE Training: TSUNAMI Sensitivity/Uncertainty Tools Course, Oct. 29–Nov. 2, 2007, Oak Ridge National Laboratory, Oak Ridge, TN. Information and registration can be found at http://www.ornl.gov/sci/scale/training.htm.

November 2007

NUPPAC ’07, Nov. 17–21, 2007, Luxor, Egypt. Contact: Prof. Dr. M.N.H. Comsan, Chairman of NUPPAC' 07, Egyptian Nuclear Physics Association (ENPA), 3 Ahmed Elzomor St., Elzohour District, Nasr City, Cairo, Postal Code 11787, Egypt (phone 202-4021018, fax 202-2876031, email mnhcomsan@menanet.net or comsanmn@hotmail.com) url: http://www.geocities.com/Athens/Library/7348/NUPPAC_07.html.

February 2008

WM2008, Feb. 24–28, 2008, Phoenix, AZ. Contact: WM08 Program Advisory Committee Chairman Gary Benda (phone 803-345-2170 or email gbenda@wmarizona.org) url http://www.wmsym.org/html/wm_conference.cfm.

April 2008

11th International Conference on Radiation Shielding (ICRS-11) and the 15th Topical Meeting of the Radiation Protection and Shielding Division (RPSD-2008) of the American Nuclear Society, April 13–18, 2008, Callaway Gardens, Pine Mountain, Georgia. Contact: General Chair, Nolan Hertel, Georgia Institute of Technology (email nolan.hertel@me.gatech.edu) or General Co-Chair, Pedro Vaz, ITN, Portugal (email pedrovaz@itn.pt) url http://icrs11.me.gatech.edu/index.htm.

June 2008

2nd International Conference on Current Problems in Nuclear Physics and Atomic Energy (NPAE-Kyiv2008), June 9–15, 2008, Kyiv, Ukraine. Contact: Dr. Vitali Yu. Denisov or Dr. Olena O. Gritzay, Institute for Nuclear Research, Prospect Nauky, 47, Kyiv, 03680, Ukraine (email npae-kyiv2008@kinr.kiev.ua) url http://www.kinr.kiev.ua/NPAE-Kyiv2008.

September 2008

PHYSOR'08, Sept. 14–19, 2008, Interlaken, Switzerland. Contact: info@physor2008.ch, url http://www.physor2008.ch/.

November 2008

13th International Conference on Neutron Capture Therapy, Nov. 3–7, 2008, Florence, Italy. Contact: ICNCT-13 Secretary General (icnct-13@pv.infn.it) url http://www.pv.infn.it/icnct-13/.