

Fall Symposium – 2017



Ohio River Valley Chapter

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AAPM ORVC Fall 2017 Symposium Program

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| Friday, November 03 – Hilton Garden Inn Indianapolis Airport Address: 8910 Hatfield Drive, Indianapolis, IN 46241 Phone: (317) 856-9100 | |
| 5:00 pm to 6:00 pm | Poster session setup, “Meet & Greet”, cash bar (two free tickets provided). |
| 6:00pm to 7:00 pm | Dinner (Provided) |
| 7:00 pm – 10:00 pm | Poster session, social, refreshments, cash bar. |

POSTER PRESENTATIONS

- **Authors should contact Wei Luo for details on posters submission.**



Ohio River Valley Chapter

Saturday, November 04 – Hilton Garden Inn Indianapolis Airport

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Phone: (317) 856-9100

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| 6:00 am to 7:00 am | Vendor Exhibit Setup |
| 7:00 am to 7:50 am | Breakfast (Provided)/ Vendor Exhibits |
| 7:50 am to 8:00 am | Opening Remarks Wei Luo, Ph.D., President, Ohio River Valley Chapter |
| 8:00 am to 9:00 am | Keynote Speech: Bruce Thomadsen , Ph.D., Professor, AAPM President-Elect, University of Wisconsin "AAPM Initiatives in Patient Safety" |
| 9:00 am to 9:30am | Coffee Break/Vendor Exhibits |
| 9:30 am to 10:30 am | Cedric Yu, Ph.D., Professor, University of Maryland "Radiation Treatment Techniques: Where to find rooms for improvement?" |
| 10:30 am to 10:45am | Coffee Break/Vendor Exhibits |
| 10:45 am to 11:45 am | Sam Beddar, Ph.D., Professor, The University of Texas MD Anderson Cancer Center "In-Vivo Dosimetry for External Beam Radiation Therapy and Brachytherapy" |
| 11:45am to 12:45pm | Jonathan Feddock, M.D., Associate Professor, University of Kentucky "Advancing Care Through Teamwork - How Medical Physicists and Medical Doctors Can Work Together to Create Change" |
| 12:45 pm to 01:45 pm | Lunch (Provided)/Vendor Presentations and Exhibits |
| 1:00pm-1:15pm | LifeLine Software/Rad Calc |
| 1:15pm-1:30pm | Elekta |
| 1:30pm-1:45pm | Sun Nuclear Corporation |
| 01:45 pm to 02:45 pm | Jun Deng, Ph.D., Professor, Yale University "Deep Learning with Big Health Data for Early Cancer Detection and Prevention" |
| 02:45 pm to 03:00 pm | Coffee Break/Vendor Exhibits |
| 03: 00pm to 04:00pm | Anil Sethi, Ph.D., Associate Professor, Loyola University Medical Center "Clinical Implementation of SRS/SBRT" |
| 04:00pm to 4:15 pm | Quan Chen, Ph.D., Associate Professor, University of Kentucky, Engaging with the community to promote radiation therapy and professional medical physics |
| 04:15 pm | Adjourn |
| 4:15 pm to 5:00 pm | Chapter business meeting (any attendee welcome to come) |



Learning objectives for attendees:

- To learn about AAPM strategies in medical physics
- To learn about new techniques and strategies in radiation oncology
- To learn up-to-date in-vivo dosimetry
- To learn how important successful collaboration between physicians and physicists is in brachytherapy
- To learn the application of deep learning in cancer detection and prevention
- To learn up-to-date SRS/SBRT

6 MPCEC credits and 6 SAM credits have been approved for the meeting.