



# 11TH INTERNATIONAL CONFERENCE ON ISOTOPES (11ICI)

## SUMMER SCHOOL

[www.11ici.org](http://www.11ici.org)

PRE -CONFERENCE SATELLITE EVENT July 20-23, 2023

### 11TH INTERNATIONAL CONFERENCE ON ISOTOPES (11ICI)

The summer school is organized as a pre-conference satellite event of the 11<sup>th</sup> International Conference on Isotopes.

This hands-on training experience will take place on July 20-23<sup>rd</sup> and will provide a unique experience to young professionals, graduate and postdoctoral students and scientists from both academia and industry.

#### Summer School Organizing Committee

|   |   |   |
|---|---|---|
| <b>Chary Rangacharyulu<br/>(11ICI Co-chair)</b> | Professor Physics &<br>Engineering Physics                                  | University of Saskatchewan  |
| <b>Ekaterina Dadachova</b>                      | Professor of Pharmacy at the<br>College of Pharmacy and<br>Nutrition        | University of Saskatchewan  |
| <b>Monique Mayer</b>                            | Professor, Department of<br>Small Animal Clinical Sciences                  | Western College of<br>Veterinary Medicine<br>University of Saskatchewan |
| <b>Li Chen</b>                                  | Professor Electrical and<br>Computer Engineering,<br>Biomedical Engineering | University of Saskatchewan  |
| <b>Lidia Matei<br/>(11ICI Co-chair)</b>         | Corporate Business Officer  | Sylvia Fedoruk Canadian<br>Centre for Nuclear<br>Innovation             |
| <b>Dale Schick-Martin</b>                       | Facility General Manager<br>Saskatchewan Cyclotron<br>Facility              | Sylvia Fedoruk Canadian<br>Centre for Nuclear<br>Innovation             |
| <b>Andrea Armstrong</b>                         | Adjunct Assistant Professor,<br>Chemistry and Chemical<br>Biology           | McMaster University   |
| <b>Valery Radchenko</b>                         | Research Scientist<br>Adjunct Professor                                     | TRIUMF<br>University of British<br>Columbia                             |
| <b>Elaheh Kozeimeh</b>                          |   | TRIUMF  |



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## The opportunity

The event offers organizations the opportunity to showcase their research and technologies already installed and operational at the laboratories within the campus of the University of Saskatchewan and at the Saskatchewan Cyclotron Facility operated and managed by Sylvia Fedoruk Canadian Centre for Nuclear Innovation.

This educational event is a great opportunity for industry and academia to interact with highly qualified professionals active in the realm of isotope applications, radiation physics and biomedical sciences.

Organizations like yours have the opportunity to highlight the latest technological developments present new and innovative techniques and products to early career professionals interested in using your products and equipment in the future. An academic organization can expose motivated youth to the excellent academic opportunities on your campus.

The summer school is structured in three streams:

- Physical Sciences
- Radiation Physics
- Biomedical Sciences

and it covers lectures from experts in radiochemistry and nuclear physics as well as practical experiments in the nuclear physics laboratories at the [University of Saskatchewan](http://www.usask.ca), radiochemistry laboratories and molecular imaging suites at the [Saskatchewan Cyclotron Facility](http://www.cyclotron.usask.ca).



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## SPONSORSHIP OPPORTUNITIES

|   |                |
|---|----------------|
| <b>COFFEE BREAK (3 opportunities available)</b> | <b>\$1,000</b> |
|---|----------------|

- Tabletop cards during the coffee break
- Acknowledgement by the organizing committee during the opening and closing sessions of the summer school

|  |                |
|--|----------------|
| <b>LUNCH BREAK (3 opportunities available)</b> | <b>\$3,000</b> |
|--|----------------|

- Tabletop cards during the lunch break
- Acknowledgement by the organizing committee during the opening and closing sessions of the summer school
- Acknowledgement by the organizing committee during the award ceremony at the 11<sup>th</sup> International Conference on Isotopes (11ICI)

|   |   |
|---|---|
| <b>SOCIAL EVENT (one opportunity available)</b> | <b>to be arranged between sponsor and venue</b> |
|---|---|

- Acknowledgement by the organizing committee during the opening and closing sessions of the summer school.
- Acknowledgement by the organizing committee during the award ceremony at the 11th International Conference on Isotopes (11ICI)
- Opportunity for a short (10-minute) presentation during the summer school

We are open to create a tailored package to satisfy your needs and fit your budget. We invite you to contact us for further discussion on details regarding the opportunities and levels of contributions.



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### SUMMER SCHOOL PROGRAM -TENTATIVE-

Day 1

| Time        | Group 1 (A/B)  | Group 2 (A/B)  | Group 3 (A/B)  |
|-------------|--|--|--|
| 08:30-09:00 | Introduction and Orientation                           |  |  |
| 09:00-10:00 | Lecture 1a   |  |  |
| 10:00-10:30 | Coffee Break   |  |  |
| 10:30-11:30 | Lecture 1b   |  |  |
| 11:30-12:00 | Group Project Discussion                               |  |  |
| 12:00-13:00 | Lunch  |  |  |
| 13:00-13:15 | Transit  |  |  |
| 13:15-15:15 | Physical Sciences<br>Experiments/Project<br>Time (A/B) | Biomedical Sciences<br>Experiments/Project<br>Time (A/B) | Radiation Physics<br>Experiments/Project<br>Time (A/B) |
| 15:15-15:30 | Transit  |  |  |
| 15:30-17:30 | Physical Sciences<br>Experiments/Project<br>Time (B/A) | Biomedical Sciences<br>Experiments/Project<br>Time (B/A) | Radiation Physics<br>Experiments/Project<br>Time (B/A) |
| 18:00-20:00 | Social Outing  |  |  |

Day 2

| Time        | Group 1 (A/B)            | Group 2 (A/B) | Group 3 (A/B) |
|-------------|--------------------------|---------------|---------------|
| 09:00-10:00 | Lecture 2a               |               |               |
| 10:00-10:30 | Coffee Break             |               |               |
| 10:30-11:30 | Lecture 2b               |               |               |
| 11:30-12:00 | Group Project Discussion |               |               |
| 12:00-13:00 | Lunch                    |               |               |
| 13:00-13:15 | Transit                  |               |               |





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|             |  |  |  |
|-------------|--|--|--|
| 13:15-15:15 | Radiation Physics<br>Experiments/Project<br>Time (A/B) | Physical Sciences<br>Experiments/Project<br>Time (A/B) | Biomedical Sciences<br>Experiments/Project<br>Time (A/B) |
| 15:15-15:30 | Transit  |  |  |
| 15:30-17:30 | Radiation Physics<br>Experiments/Project<br>Time (B/A) | Physical Sciences<br>Experiments/Project<br>Time (B/A) | Biomedical Sciences<br>Experiments/Project<br>Time (B/A) |

#### Day 3

| Time        | Group 1 (A/B)  | Group 2 (A/B)  | Group 3 (A/B)  |
|-------------|--|--|--|
| 09:00-10:00 | Lecture 3a   |  |  |
| 10:00-10:30 | Coffee Break   |  |  |
| 10:30-11:30 | Lecture 3b   |  |  |
| 11:30-12:00 | Group Project Discussion                                 |  |  |
| 12:00-13:00 | Lunch  |  |  |
| 13:00-13:15 | Transit  |  |  |
| 13:15-15:15 | Biomedical Sciences<br>Experiments/Project<br>Time (A/B) | Radiation Physics<br>Experiments/Project<br>Time (A/B) | Physical Sciences<br>Experiments/Project<br>Time (A/B) |
| 15:15-15:30 | Transit  |  |  |
| 15:30-17:30 | Biomedical Sciences<br>Experiments/Project<br>Time (B/A) | Radiation Physics<br>Experiments/Project<br>Time (B/A) | Physical Sciences<br>Experiments/Project<br>Time (B/A) |

#### Day 4

| Time        | All Groups               |
|-------------|--------------------------|
| 09:00-11:30 | Project Presentations    |
| 11:30-12:00 | Wrap Up and Deliberation |
| 12:00-12:30 | Awards and Closing       |