



# May 2021

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# NEWSLETTER

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Alastair Kierulf      Email: [kierulf.a@queensu.ca](mailto:kierulf.a@queensu.ca)

This **Newsletter** is published by the Canadian Society for Analytical Sciences and Spectroscopy. The internet address of the society is : <http://www.csass.org>

**Editor:** Liyan Xing, Email: [lyxing2002@hotmail.com](mailto:lyxing2002@hotmail.com)

9 May 2021

Dear members,

I sincerely hope that you are still all keeping safe during these uncertain times. Given that Ontario is still in lockdown at the time of writing, The CSASS Executive made the decision to postpone the 64<sup>th</sup> International Conference on Analytical Sciences and Spectroscopy (ICASS), to 8-10 August 2022. It is still to be held at the Ambassador Hotel in Kingston, ON. Hopefully, life will have returned to normal by then!



Dr. Diane Beauchemin

I know that participants enjoy the relaxing format (40-min coffee breaks, 1.5-h buffet lunch) with numerous networking activities, which will include buffet breakfast each day, a trolley tour of Kingston ending with a sunset dinner cruise of the Thousand Islands on Monday evening, and a banquet featuring the very entertaining magician/comedian Dick Joiner.

Given that most members join/re-join as part of ICASS and this is normally when our Annual General Meeting is held, alternative events will be held virtually in 2021. This will include some short courses. Indeed, Dr. Ed Paski has kindly offered to teach some courses virtually, on the condition that the proceeds go towards bursaries or scholarships for students. Stay tuned for details as they become available!

CSASS will also partner with some vendors to hold free mini-symposia in Fall 2021. I am pleased to announce that PerkinElmer has agreed to sponsor the 2021 PerkinElmer Spectroscopy Award. An award symposium will thus be held in September in partnership with PerkinElmer, which will feature presentations by recipients of the 2021 Gerhard Herzberg and PerkinElmer Spectroscopy Awards. Another symposium in preparation will focus on isotope ratio measurements and will be in partnership with Isomass Scientific & ThermoFisher. It is also to be held in September.

If you have other ideas on how we could engage members during the pandemic, please share them with me. I always welcome your thoughts on how we could grow CSASS and make it more relevant to members.

Stay safe,

Diane Beauchemin  
CSASS President  
64<sup>th</sup> ICASS Chair  
[diane.beauchemin@queensu.ca](mailto:diane.beauchemin@queensu.ca)

# Mark Your Calendar



## 64<sup>th</sup> International Conference and Analytical Sciences and Spectroscopy (64<sup>th</sup> ICASS)

**August 8-10, 2022**

*Ambassador Hotel and Conference Centre*

*1550 Princess Street, Kingston, Ontario, K7M 9E3, Canada*

- Indoor water park and pool, with 100-foot water slide.
- Eucalyptus steam room.
- Hot tub.
- Splash pool area and game room for the kids.



## Conference Highlights

- Exhibition as well as oral and poster sessions to learn about the latest developments on a variety of topics.
- Networking breakfast, coffee breaks and lunch included in the registration fee each day.;
- Additional networking activities:
  - ✓ Tour of Kingston ending with sunset dinner cruise of the Thousand Islands on August 8th and banquet with magician/comedian Dick Joiner on August 9<sup>th</sup>.

See <http://www.csass.org/ICASS.html> for details



## **2021 Gerhard Herzberg & PerkinElmer Spectroscopy Awards**

### **Call for Nominations (by 16 July, 2021)**

Each nominee must be available to make a 30-min oral presentation (including questions) during an award symposium to be held virtually in September 2021.

**See p.6 &7 for details**



## **Invitation to contribute to the CSASS Newsletter**

Do you have information that could be of interest to other CSASS members? Examples include a description of your company or research activities, useful tricks that save valuable time, historical notes about CSASS, and news that you would like to share.

**If so, please e-mail the information to the CSASS Editor, Liyan Xing ([lyxing2002@hotmail.com](mailto:lyxing2002@hotmail.com)).**

# Are You Hiring?

## Free Job Posting Content

**CSASS** members in good standing may post vacancy (for employee, post-doctoral fellow, or graduate student) on the CSASS web site **free of charge.**

E-mail your advertisement to  
[diane.beauchemin@queensu.ca](mailto:diane.beauchemin@queensu.ca)

## 2021 Gerhard Herzberg and PerkinElmer Spectroscopy Awards

Nominations are invited for the Gerhard Herzberg Award and the PerkinElmer Spectroscopy Award for 2021. Each nominee must be available to make a 30-min oral presentation (including questions) during an award symposium to be held virtually in September 2021.

The **Gerhard Herzberg Award** is given to a Canadian spectroscopist in recognition of distinguished scientific contributions to the field of spectroscopy, either fundamental or applied. It is typically awarded to recognize the career achievements of a prominent scientist.

The **PerkinElmer Spectroscopy Award**, funded by PerkinElmer, is given to a Canadian Scientist for significant achievements in the fundamental development of spectroscopic instrumentation or techniques, or for the novel application of spectroscopy to analytical problems in industry, medicine, the environment, or related fields. There are no age restrictions on this award, but preference will be given to scientists early in their careers (within about 10 years of achieving highest degree) who have clearly demonstrated outstanding potential. In addition, in recognition of the difficulty of comparing the achievements of scientists in academia with those in government and industry, the *PerkinElmer Spectroscopy Award* will be given on a rotating basis to 1) scientists in academia, and 2) scientists in government or industry.

In evaluating nominees, the following general guidelines will be considered:

- For the *Herzberg Award*, the overriding factor in selection of a recipient will be the scientific impact on the field of spectroscopy.
- For the *PerkinElmer Spectroscopy Award*, administrative contributions such as conference organization may be considered, but the main selection factor will be scientific and technical development and application of spectroscopy.
- Notwithstanding that the *PerkinElmer Spectroscopy Award* is rotated between academia and government/industry, if a qualified candidate for the restricted category is not available in any specific year, then a qualified candidate from another category may be selected.
- Applications will be in effect for three years, but nominators of unsuccessful applications are encouraged to update their nomination for each competition. After three years, a nomination must be re-submitted.
- Recipients of the *PerkinElmer Spectroscopy Award* will be ineligible to be nominated for the *Herzberg Award* for a period of five years. To be eligible for the *Herzberg Award*, nominees will have to demonstrate significant additional achievements to those already recognized by a previous *PerkinElmer Spectroscopy Award*.

### Nomination Process

Complete nomination documentation must be received by **16 July 2021** at [christian.reber@umontreal.ca](mailto:christian.reber@umontreal.ca).

The documentation should include the following:

- a letter of nomination which includes a concise statement of the candidate's achievements,
- a comprehensive curriculum vitae, and
- supporting letters from at least three qualified persons. Letters from previous CSASS Award winners are particularly helpful to the Committee.

# Les Prix Gerhard Herzberg et de Spectroscopie de PerkinElmer

Un appel de candidatures est lancé pour le Prix Gerhard Herzberg et pour celui de Spectroscopie de PerkinElmer pour 2021. Chaque candidat/e doit être disponible pour faire une présentation de 30 min durant un symposium qui se tiendra virtuellement en septembre 2021.

Le **Prix Gerhard Herzberg** est attribué à une ou un spectroscopiste canadien pour un accomplissement exceptionnel en spectroscopie, que ce soit dans un domaine fondamental ou appliqué. Il est généralement donné à une ou un scientifique établi, en reconnaissance d'une carrière hors du commun.

Le **Prix de Spectroscopie de PerkinElmer**, commandité par PerkinElmer, est attribué à une ou un spectroscopiste canadien pour une réalisation importante dans l'application fondamentale de la spectroscopie instrumentale ou technique ou pour des applications novatrices de la spectroscopie dans des problèmes analytiques de l'industrie, de la médecine, de l'environnement ou des domaines reliés. Il n'y a pas de restriction d'âge pour ce prix mais la préférence est accordée aux scientifiques exceptionnels qui sont en début de carrière (ayant achevé leur diplôme terminal depuis 10 ans ou moins). De plus, afin de reconnaître la difficulté de comparer les réussites des scientifiques entre le domaine académique et ceux du gouvernement et de l'industrie, le Prix de Spectroscopie de PerkinElmer sera attribué en alternance pour 1) le secteur académique et 2) ceux du gouvernement et de l'industrie.

Les critères généraux suivants seront considérés pour évaluer les candidatures :

- Pour le *Prix Herzberg*, le facteur prédominant de sélection du récipiendaire sera l'impact scientifique dans le domaine de la spectroscopie.
- Pour le *Prix de Spectroscopie de PerkinElmer*, les contributions administratives comme l'organisation de conférences pourront être considérées, mais le facteur principal de sélection sera le développement scientifique et technique et l'application de la spectroscopie.
- Sans ignorer l'alternance du *Prix de Spectroscopie de PerkinElmer* entre le secteur académique et ceux du gouvernement et de l'industrie, le prix pourra être attribué à un candidat de l'autre secteur, si aucun candidat du secteur à l'honneur n'est qualifié l'année en question.
- Les applications seront valables pour trois ans, mais les personnes en charge des nominations non sélectionnées sont encouragées à mettre les dossiers à jour à chaque compétition. Après une période de trois ans, une nomination peut être soumise de nouveau.
- Les récipiendaires du *Prix de Spectroscopie de PerkinElmer* ne sont pas éligibles pour le *Prix Gerhard Herzberg* pour une période de cinq ans. Pour être éligible au *Prix Gerhard Herzberg*, les personnes mises en nomination doivent avoir démontré des réussites additionnelles à celles ayant permis l'obtention du *Prix de Spectroscopie de PerkinElmer*.

## Processus de Nomination

Un dossier complet de nomination doit être reçu au plus tard le **16 juillet 2021** à [christian.reber@umontreal.ca](mailto:christian.reber@umontreal.ca). Le dossier doit inclure les documents suivants :

- une lettre de mise en nomination qui comprend une description succincte des réalisations du candidat ou de la candidate,
- un curriculum vitae complet, et
- des lettres d'appui en provenance d'au moins trois personnes qualifiées. Les lettres provenant de récipiendaires précédents de Prix de la CSASS sont particulièrement utiles au Comité.