



Society for Mathematical Psychology 2019 Newsletter

Executive Committee Members

Society President: Jennifer Trueblood (Vanderbilt University)

Appointed Members: Robin Thomas (Federation representative)

Hans Colonius (European Mathematical Society representative)

Leslie Blaha (Secretary-Treasurer)

Adele Diederich (JMP Editor-In-Chief)

Scott Brown (CB&B Editor-In-Chief)

Joachim Vandekerckhove (Conference Chair)

Elected Members: Clintin Davis-Stober (University of Missouri)

Chris Donkin (University of New South Wales)

Pernille Hemmer, president-elect (Rutgers University)

Timothy Pleskac (University of Kansas)



Letter from the President

Dear Colleagues,

2018 was an exciting year for the Society for Mathematical Psychology, marked by several major milestones. In March, we published the first issue of our new journal *Computational Brain & Behavior*. Two additional issues (including one double issue) were also published in 2018, and 2019 is off to a great start with a special issue on cross-validation and model selection. This was also a very important year for the *Journal of Mathematical Psychology*. In July, we welcomed our new editor-in-chief of *JMP*, Dr. Adele Diederich. In addition, this past year the Society entered into a new publishing agreement with Elsevier for *JMP*, the first update to this arrangement since 1980. This new contract provides, for the first time, financial support for the Society in the form of conference sponsorship. This sponsorship includes general funding for the conference as well as funding for student travel awards and a monetary award for the R. Duncan Luce Outstanding Paper Award. In September, the Executive Board also ratified a Code of Conduct for the Society, helping to make our commitment to diversity, equity, and inclusion transparent. While 2018 was a year of many firsts, 2019 also marks some exciting changes for the Society. We are introducing two new awards, a best paper award for the journal *Computational Brain & Behavior* and a Senior Fellow Award. We also will be holding elections to the executive board in the Spring, and in July the presidency changes hands to Pernille Hemmer. I look forward to an exciting 2019 and hope to see you in Montreal.

Best regards,

Jennifer Trueblood



William K. Estes Early Career Award Winner

Congratulations to [David Kellen](#) (Syracuse University), this year's recipient of the William K. Estes Early Career Award! David will give a plenary talk at MathPsych/ICCM 2019. Watch the conference website for more details.

Please submit your nominations for the 2019 [William K. Estes Early Career Award](#) using the enclosed application instructions. Nominations should be submitted via email to Leslie Blaha (info@mathpsych.org) before April 30, 2019.

R. Duncan Luce Outstanding Paper Award

Congratulations to 2018 recipients **Daniel Little, Ami Eidels, Mario Fific, and Tony Wang!** The award was given for their 2015 paper "Understanding the influence of distractors on workload capacity." *Journal of Mathematical Psychology*, 68, 25-36.

Please submit your nominations for the [2019 R. Duncan Luce Outstanding Paper Award](#), sponsored by Elsevier In., via email to Leslie Blaha (info@mathpsych.org) before April 30, 2019. Nominations should include exact title, authors, and publication date in the *Journal of Mathematical Psychology*. Only papers published in the years 2016-2019 are eligible. For more information, see the included flyer or visit http://www.mathpsych.org/Luce_Award19.pdf.

Computational Brain and Behavior Outstanding Paper Award

Please submit your nominations for the 2019 [Computational Brain and Behavior Outstanding Paper Award](#), via email to Leslie Blaha (info@mathpsych.org) before April 30, 2019. Nominations should include exact title, authors, and publication date in *Computational Brain and Behavior*. All published papers are eligible.

Senior Fellow Award

The Society for Mathematical Psychology [Senior Fellow Award](#) honors a member of the Society for Mathematical Psychology for their lifetime contributions to the field of mathematical psychology. Contributions can be in the any of the following areas:

- Contributions in the mathematical modeling of psychological phenomena.
- Mentorship of students, faculty, and others, with a particular focus on advancing the field of mathematical psychology.
- Service that has advanced the field of mathematical psychology.

The 2019 awardee will be announced at the upcoming annual meeting. The awardee will be asked to take part in a "Conversation with the Senior Fellow" general assembly at the 2020 meeting where the awardee will be interviewed and recognized by a commemorative plaque. Interview questions will focus on his/her work, the history of the field, and the trajectory of the field. The interview will be recorded and shared on the society's website (with the awardee's permission).

Please submit your nominations for the 2019 Senior Fellow Award via email to Leslie Blaha (info@mathpsych.org) before April 30, 2019.



New Society for Mathematical Psychology Code of Conduct

The Society for Mathematical Psychology has established a Code of Conduct, adopted by the Executive Committee on 11 September 2018. This Code of Conduct serves as a community agreement to provide an environment in which diverse participants may learn, network, and enjoy the company of colleagues.

A copy of the Code of Conduct is attached to this newsletter. A persistent link to this information can be found at http://mathpsych.org/Code_of_Conduct.pdf

Membership Dues, Joining the Society, Email Address Updates, and Donations

To join the society, go to www.mathpsych.org and click on the [JOIN link](#).

New members should email the Secretary-Treasurer (info@mathpsych.org) with their mailing address using the mailing address form located at the [JOIN link](#).

To renew your membership or submit a donation or submit a change of address,

click on the [Dues & Donations link](#). The cover letter in this packet provides important information regarding your current membership status in the Society!

Please Note: It is extremely important that you pay your dues in a timely manner as these *funds are used not only to reduce conference participation costs for all members of the society but are also used to provide significant fee reductions for student members*. Please indicate when paying for several years whether you wish to pay for previous years or future years. The society is a federally recognized tax-exempt organization under IRC 501(c) 3. An official receipt for income taxes can be provided by emailing Leslie Blaha at: info@mathpsych.org.

To add/delete yourself from the listserv, click on the [Mailing List link](#) at www.mathpsych.org.

SMP is on Social Media

Follow SMP online.

WEB: www.mathpsych.org

FACEBOOK: <https://www.facebook.com/MathPsych/>

Women of Math Psych is on Social Media

Follow WoMP online.

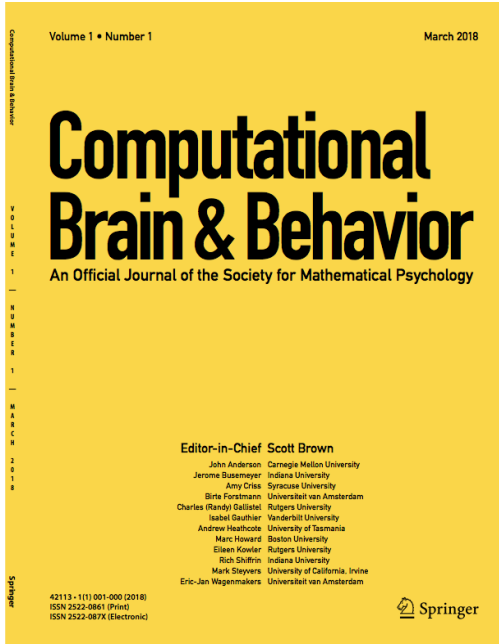
WEB: <http://www.mathpsych.org/wmp>

FACEBOOK: <https://www.facebook.com/WomenOfMathPsych/>

TWITTER: @WoMPTweets



Computational Brain & Behavior Editor-in-Chief Scott Brown



The Society for Mathematical Psychology launched a new official journal in 2018! *Computational Brain & Behavior* is published through Springer, and is accepting manuscript submissions. *CB&B* covers a wide range of topics using computer simulation, mathematical modelling, and empirical work. *CB&B* emphasises scientific rigour, and the insights that quantitative modelling can provide. We strongly encourage innovation in the content and format of the articles.

As well as high-quality original manuscripts, we also invite proposals for special sections, which are groups of articles on a specific theme. The scope of potential topics for special sections is extremely broad. To suggest a topic for a special section, or to nominate yourself to organise one, please contact the editor Scott Brown (scott.brown@newcastle.edu.au).

If you have questions about your own work which you might want to submit as a manuscript, or suggestions for other kinds of manuscripts you would like to see more of in *CB&B*, please contact the editor (scott.brown@newcastle.edu.au).

For more details, see the journal's website, or follow our progress on Facebook or Twitter:

WEB <http://www.springer.com/psychology/cognitive+psychology/journal/42113>

FACEBOOK <https://www.facebook.com/CompBrainBeh/>

TWITTER @CompBrainBeh

The first issue for 2019 is coming out soon. This will be a set of articles in a debate-style format. There is a target articles, by **Quentin Gronau and E-J Wagenmakers**, which discusses the use (and potential mis-use) of cross validation as a model selection method. This is accompanied by three detailed response articles, presenting alternative perspectives on the problems, authored by: **Suyog Chandramouli, Rich Shiffrin, Aki Vehtari, Daniel P. Simpson, Yuling Yao, Andrew Gelman, and Danielle Navarro**. Keep an eye out for this interesting debate in *CB&B*.

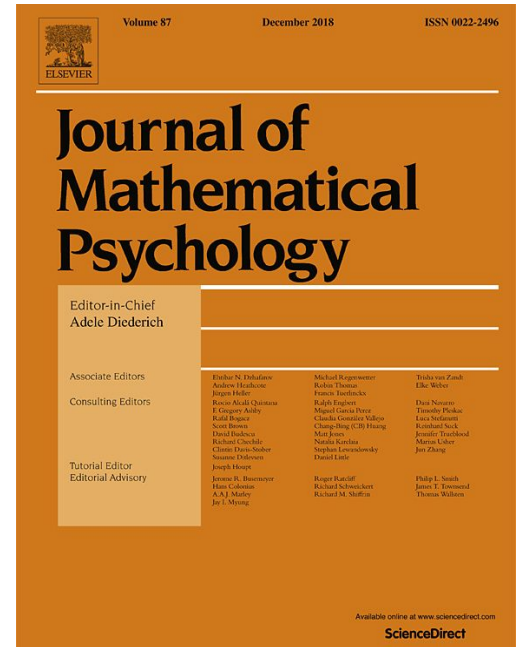
Note that all articles published in CB&B continue to be freely available through 2019!



Journal of Mathematical Psychology, Editor-in-Chief Adele Diederich

Thanks to the hard work of the Executive Board, the Society entered into a new agreement with Elsevier regarding the *Journal of Mathematical Psychology*. Our new arrangement replaces our contract from 1980, and for the first time, Elsevier will provide financial support to the Society in the form of conference sponsorship. This sponsorship includes general funding for the conference as well as funding for student travel awards and a monetary award for the R. Duncan Luce Outstanding Paper Award. *JMP* will remain affiliated with SMP.

JMP continues to publish articles, monographs and reviews, notes and commentaries, and book reviews in all areas of mathematical psychology. Empirical and theoretical contributions are equally welcome. Areas of special interest include, but are not limited to, fundamental measurement and psychological process models, such as those based upon neural network or information processing concepts. A partial listing of substantive areas covered include sensation and perception, psychophysics, learning and memory, problem solving, judgment and decision-making, and motivation.



Keep an eye out for this year's special topics calls for papers!

Cognitive Psychometrics: Recent Contributions in Honor of William H. Batchelder (1940-2018)

Guest Editors: Edgar Erdfelder, Xiangen Hu, Jeffrey N. Rouder, Eric-Jan Wagenmakers

<https://www.journals.elsevier.com/journal-of-mathematical-psychology/call-for-papers/cognitive-psychometrics-recent-contributions-in-honor>

Deadlines: Indicate interest by March 15, 2019

Paper submission by June 15, 2019

Computational and Mathematical Approaches to Multisensory Integration: Theory and Models

Guest Editors: Hans Colonius, Cristiano Cuppini

<https://www.journals.elsevier.com/journal-of-mathematical-psychology/call-for-papers/computational-mathematical-approaches-multisensory>

Submissions open March 1, 2019



If you have questions about work you might want to submit as a manuscript, ideas for special issue topics, or suggestions for other kinds of manuscripts you would like to see more of in *JMP*, please contact [Editor Adele Diederich](#).

For more details, see the journal's website, or follow Elsevier Psychology on Facebook or Twitter:

WEB <https://www.journals.elsevier.com/journal-of-mathematical-psychology>

FACEBOOK <https://www.facebook.com/elsevierpsychology>

TWITTER @ELSPsychology

News from Related and Affiliate Groups

European Mathematical Psychology Group

The annual meeting of the European Mathematical Psychology Group (EMPG) will take place at Heidelberg University (Germany) from August 5th to 7th, 2019. Abstract submission opens on January 14, 2019. Further information can be found on the website: <https://www.psychologie.uni-heidelberg.de/empg2019/>

Australasian Mathematical Psychology Conference

The Australasian Mathematical Psychology Conference will be held at The University of Melbourne from 14-16th February 2019. Talks will take place on February 14th, 15th, and the morning of the 16th. Abstracts should be submitted via a link at the URL below. Further details about the conference, registration, and abstract submission are available at <https://psychologicalsciences.unimelb.edu.au/research/hubs/chdh/news-and-events/the-australian-mathematical-psychology-conference>

Registration is also now open via the above URL. "Early Bird" conference registration before the 31st of January costs \$175 for non-students and \$25 for students. After January the 31st, late registration will be \$225 for non-students, or \$150 for students. The conference dinner will be on the 15th Feb and will cost \$85.



Do you shop on Amazon? Consider giving back to SMP by shopping at our Amazon Smile page: <https://smile.amazon.com/ch/36-2937584>



MathPsych/ICCM 2019

The 52nd Annual Meeting of the Society for Mathematical Psychology, held jointly with the 17th International Conference on Cognitive Modeling meeting will take place at the Le Centre Sheraton Montreal from 19th to 22nd July 2019, immediately preceding CogSci 2019 in Montreal, Quebec, Canada.

Conference Schedule

July 19

Workshops (Open to Submission)

- **Professional Development Symposium**, Women of Math Psych
- **Version Control with Git**, Daniel Stubbs of Calcul Québec

July 19 (Evening)

Evening Welcome Reception

July 20-22

Talks and Symposia including:

Plenary Talks

- **David Kellen** (Syracuse University, Estes Early Career Award Winner)
- **Jake Hofman** (Microsoft Research)

Symposia

- **Symposium in memory of Bill Batchelder**

Organizers: Zita Oravecz

- **Recent Developments in Modeling Strategy Use in Searching and Deciding**

Organizers: Michael Lee

Following the Joint MathPsych/ICCM Conference, the Annual Meeting of the Cognitive Science Society begins on July 24th in Montreal.

(<http://www.cognitivesciencesociety.org/conference/cogsci-2019/>)

Important Hotel Reservation Information

INFO HERE

Conference Registration (site open date here)

Please visit www.mathpsych.org/conferences/2019 to register for the conference.

You can book your registration and conference banquet ticket all at one time through this site.

Banquet tickets are sold separately through the registration site.

Register early! Registration pricing will increase after May 15, 2019.

Journal of Mathematical Psychology* Student Travel Awards*Deadline: April 30, 2019**

Student members of the Society for Mathematical Psychology are eligible to apply for a *Journal of Mathematical Psychology* Student Travel Award. The application for the Award must be submitted by April 30, 2019!



See <http://mathpsych.org/conferences/2019/awards/> for more information.

The *Journal of Mathematical Psychology* Student Travel Awards are sponsored by Elsevier Inc.

Paper, Abstract and Workshop Proposal Submissions**SUBMISSIONS DUE April 22, 2019**

Please visit www.mathpsych.org/conferences/2019 to submit your paper, abstract and workshop proposals! Due to the combined nature of the conference, we welcome the following types of submissions:

- brief 250 word abstracts for talks and posters in the MathPsych strand of the conference,
- 6-page papers for talks in the ICCM strand of the conference,
- 2-page extended abstracts for posters in the ICCM strand of the conference,
- tutorial/workshop proposals for the pre-conference day.

See <http://mathpsych.org/conferences/2019/submissions/> for formatting details and templates.

MathPsych/ICCM 2019 Conference Poster

Don't forget to post the super-cool Mathematical Psychology Conference Poster on your Office Door!!! The Color Poster is included in this mailing packet!!!

MathPsych/ICCM 2019

19 – 22 July 2019

Le Centre Sheraton, Montreal, Canada

Plenary Talks

Estes Early Career Award Address
David Kellen, Syracuse University

Keynote Address
Maithilee Kunda, Vanderbilt University

Keynote Address
Jake Hofman, Microsoft Research

Symposia

Symposium in memory of Bill Batchelder
Host: Zita Oravecz, Penn State University

Recent Developments in Modeling Strategy Use in Searching and Deciding
Hosts: Michael Lee, UC Irvine; Kevin Gluck, AFRL

Workshops

Professional Development Symposium
Women of MathPsych

Version Control with Git
Daniel Stubbs, Calcul Québec

Additional symposia and workshops to be announced

For registration and further information about the venue, see the **conference website**

smp19.ca



The Annual Meeting of the Cognitive Science Society begins on July 24th in Montreal, Canada: cognitivesciencesociety.org

Springer

