

$$H(S) = - \sum p_i \log_2 p_i$$

$$D_{KL}(p||m) = \int \log(f(x))p(dx) - \int f(x) \log(f(x))m(dx)$$

$$S = -k_B \sum p_i \ln p_i$$

$$S = -k_B \text{Tr}(\rho \ln \rho)$$

## Sponsorship and Exhibition Opportunities

The conference Entropy 2018: From Physics to Information Sciences and Geometry will be held from 14-16 May 2018 at the University of Barcelona in Barcelona, Spain.

### About the Conference

One of the most frequently used scientific words, is the word “Entropy”. The reason is that it is related to two main scientific domains: physics and information theory. Its origin goes back to the start of physics (thermodynamics), but since Shannon, it has become related to information theory. This conference is an opportunity to bring researchers of these two communities together and create a synergy. The main topics and sessions of the conference cover:

- Physics: classical Thermodynamics and Quantum.
- Statistical physics and Bayesian computation.
- Geometrical science of information, topology and metrics.
- Maximum entropy principle and inference.
- Kullback and Bayes or information theory and Bayesian inference.
- Entropy in action (applications).

The inter-disciplinary nature of contributions from both theoretical and applied perspectives are very welcome, including papers addressing conceptual and methodological developments, as well as new applications of entropy and information theory.

All accepted papers will be published in the proceedings of the conference. A selection of invited and contributed talks presented during the conference will be invited to submit an extended version of their paper for a special issue of the open access Journal Entropy.

### Advantages

Sponsoring **Entropy 2018: From Physics to Information Sciences and Geometry** will give you a unique opportunity to present your company’s products and to connect with scholars who are engaged in pioneer research on polymer science and engineering. For an overview of the conference sessions, covered topics, and the preliminary schedule, please visit the conference website:

► [sciforum.net/conference/Entropy2018-1](http://sciforum.net/conference/Entropy2018-1)

## Organizing Committee

### CHAIRMAN

Ali Mohammad-Djafari  
CNRS, L2S, CentraleSupélec, Univ.  
Paris Saclay, Gif-sur-Yvette, France

### LOCAL CHAIR

J. Miguel Rubi  
Department of Condensed Matter  
Physics at the University  
of Barcelona, Spain

### SCIENTIFIC COMMITTEE

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Frédéric Barbaresco  
Frank Nielsen  
Mohammad Modares  
Pablo Piantanida  
Pierre Baudot  
Adom Giffin  
Ali Tahzibi  
Nina Amini  
Dawn E. Holmes

## Organizer



## Sponsorship & Exhibition Items

All prices in Euros (EUR) incl. VAT  
Available number of sponsors in brackets

<p><b>EXHIBITION BOOTH</b> (5 avail.)</p> <ul style="list-style-type: none"> <li>• Single stand, 1 table (140x70 cm), 2 chairs, power connection and wifi</li> <li>• One complimentary registration</li> </ul>	<p><b>800<sup>EUR</sup></b></p>	<p><b>OPENING/CLOSING SESSION</b> (2 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo on the screen during the opening/closing session</li> <li>• Company name mentioned in the opening/closing speech by the chairman</li> <li>• Company logo on the conference website</li> </ul>	<p><b>800<sup>EUR</sup></b></p>
<p><b>BADGES</b> (3 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo on the badges distributed to participants</li> <li>• Company logo on the conference website</li> <li>• Badges are produced by the conference organizers.</li> <li>• <i>Price includes production.</i></li> </ul>	<p><b>300<sup>EUR</sup></b></p>	<p><b>CONFERENCE BAG</b> (3 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo on the conference bags distributed to participants</li> <li>• Company logo on the conference website</li> <li>• Bags are produced by the conference organizers.</li> <li>• <i>Price includes production.</i></li> </ul>	<p><b>700<sup>EUR</sup></b></p>
<p><b>BAG INSERT</b></p> <ul style="list-style-type: none"> <li>• Your promotional material will be inserted in the conference bags distributed to all participants (promotional flyers/booklets: max. A4 size, 6 pages; promotional items: max. 100 g).</li> <li>• <i>Price per insert.</i></li> </ul>	<p><b>300<sup>EUR</sup></b></p>	<p><b>PROGRAM ADVERT</b></p> <ul style="list-style-type: none"> <li>• Back cover page or front inside cover, full-color (EUR 1,000) (2 available)</li> <li>• Other pages, full page, full-color (EUR 500) (6 available)</li> </ul>	<p><b>500<sup>EUR</sup> - 1,000<sup>EUR</sup></b></p>
<p><b>PRESENTATION AWARD</b> (5 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed on screen during award ceremony</li> <li>• Company name mentioned during award ceremony</li> <li>• Company logo on the conference website</li> </ul>	<p><b>600<sup>EUR</sup></b></p>	<p><b>SESSION SPONSOR</b> (3 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo on the welcome screen during the session</li> <li>• Company logo on the conference website</li> <li>• Company logo in the program booklet next to the session name</li> </ul>	<p><b>500<sup>EUR</sup></b></p>
<p><b>COFFEE BREAK SPONSOR</b> (5 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed prominently at the catering desk</li> <li>• Company logo on the conference website</li> <li>• Company name mentioned after the break before session starts.</li> </ul>	<p><b>500<sup>EUR</sup></b></p>	<p><b>POSTER AWARD</b> (3 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed on screen during award ceremony</li> <li>• Company name mentioned during award ceremony</li> <li>• Company logo on the conference website</li> </ul>	<p><b>500<sup>EUR</sup></b></p>
<p><b>COFFEE BREAK SPONSOR</b> (5 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed prominently at the catering desk</li> <li>• Company logo on the conference website</li> <li>• Company name mentioned after the break before session starts.</li> </ul>	<p><b>500<sup>EUR</sup></b></p>	<p><b>LUNCH BREAK SPONSOR</b> (3 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed prominently at the catering desk</li> <li>• Company logo on the conference website</li> <li>• Company name mentioned after the break before session starts.</li> </ul>	<p><b>1,000<sup>EUR</sup></b></p>
<p><b>COFFEE BREAK SPONSOR</b> (5 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed prominently at the catering desk</li> <li>• Company logo on the conference website</li> <li>• Company name mentioned after the break before session starts.</li> </ul>	<p><b>500<sup>EUR</sup></b></p>	<p><b>WELCOME COCKTAIL SPONSOR</b> (1 avail.)</p> <ul style="list-style-type: none"> <li>• Company logo displayed prominently on all conference dinner tables</li> <li>• Company logo on the conference website</li> <li>• Company logo prominent in the program booklet</li> </ul>	<p><b>Contact us</b></p>

## Our Packages

### PLATINUM

- Exhibition Booth
- Bag insert
- Opening or closing session sponsorship
- Full-page, color advert in program booklet
- Lunch or coffee break sponsorship
- Conference dinner sponsorship
- Your company logo on the conference lanyard and conference bag
- Your company logo will be displayed on the conference website in very prominent position
- Your company logo will be listed in the program booklet in prominent position
- Travel grant sponsorship
- One registration

**5,500<sup>EUR</sup>**

### GOLD

- Exhibition Booth
- Bag insert
- Poster or presentation award sponsorship
- Opening or closing session sponsorship
- Full-page, color advert in program booklet
- Lunch or coffee break sponsorship
- Your company logo will be displayed on the conference website in very prominent position
- Your company logo will be listed in the program booklet in prominent position
- Your company logo on the conference badge
- One Registration

**4,000<sup>EUR</sup>**

### SILVER

- Exhibition Booth
- Bag insert
- Session sponsorship
- Full-page, color advert in program
- Your company logo will be displayed on the conference website in prominent position
- Your company logo will be listed in the program booklet in prominent position
- One Registration

**2,500<sup>EUR</sup>**

# Registration & Order

## Company Details

Company \_\_\_\_\_  
Street \_\_\_\_\_  
P.O. Box \_\_\_\_\_  
Country, postcode, place \_\_\_\_\_  
Telephone \_\_\_\_\_  
Fax \_\_\_\_\_  
Website \_\_\_\_\_  
E-mail address \_\_\_\_\_

## Order Details

Platinum Sponsor	EUR 5,500
Gold Sponsor	EUR 4,000
Silver Sponsor	EUR 2,500
Exhibition Booth	EUR 800
Opening Session	EUR 800
Closing Session	EUR 800
Badges	EUR 300
Lanyards	EUR 700
Conference Bag	EUR 700
Bag Insert	EUR 300
Programme Advert	EUR 500 – 1,000
Session Sponsor	EUR 500
Presentation Award	EUR 600
Poster Award	EUR 500
Travel Grant Sponsor	EUR 1,000
Coffee Break Sponsor	EUR 500
Lunch Break Sponsor	EUR 1,000
Welcome Cocktail	Contact Us

## Payment

Total amount payable (EUR) \_\_\_\_\_

I will arrange a bank transfer to MDPI AG. Please send me the necessary payment details.

## Signature and Date

The undersigned hereby registers to sponsor the conference **Entropy 2018: From Physics to Information Sciences and Geometry**. The registration creates a legally binding contract between the conference and the company (sponsor). By giving a valid signature, the company agrees to the general terms and conditions as outlined below. The company agrees to recognize the rules and regulations set by the event organizer.

Signature \_\_\_\_\_  
Date \_\_\_\_\_

## A) ORDER AVAILABILITY AND PAYMENT

Upon completion and submission of this order form, we will confirm to you if the selected sponsorship or exhibition package for this conference is still available. In case a package is no longer available, we will offer you an alternative. You are entitled to decline the alternative proposal. MDPI AG reserves the right to decline an order.

The invoice for the order is payable within 30 days after receipt of the invoice. Quoted prices include VAT.

## B) WITHDRAWAL OF THE ORDER

If you find it necessary to withdraw your sponsorship or exhibition package, please inform us immediately at [entropy2018@mdpi.com](mailto:entropy2018@mdpi.com) or via fax at +41 61 302 89 18. For cancellations made less than 30 days prior to the open day of the conference, MDPI AG reserves the right to charge 50% of the initial order unless otherwise agreed between the parties. For cancellations made less than 10 days prior to the opening day of the conference, MDPI AG reserves the right to charge the full amount of the initial order, unless otherwise agreed between the parties.

## C) INSURANCE / LIABILITY INDEMNITY

Liability insurance, as well as insurance against fire, explosions and natural events is obligatory for all sponsors, and must be taken out independently. MDPI AG is unable to take out insurance on behalf of the sponsors and cannot be held liable for any damages.

## D) COMPLAINTS

Complaints concerning the conference need to be addressed to MDPI AG immediately at [entropy2018@mdpi.com](mailto:entropy2018@mdpi.com) or via fax to +41 61 302 89 18.

## E) EXECUTION DISCLAIMER

MDPI AG cannot be held liable for unforeseen political, ecological, economic or other "force majeure" events and disasters that, in good faith, render it impossible to execute the conference.

## F) PLACE OF JURISDICTION

Place of jurisdiction for any disputes arising in connection with the event shall be the registered address of the conference organizer, MDPI AG, in Basel, Switzerland.

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## RETURN THIS FORM BEFORE 14 MARCH 2018 TO

Entropy 2018 Sponsoring  
MDPI AG  
St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel.: +41 61 683 77 34  
Fax: +41 61 302 89 18

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[entropy2018@mdpi.com](mailto:entropy2018@mdpi.com)  
[sciforum.net/conference/Entropy2018-1](http://sciforum.net/conference/Entropy2018-1)

