



Erasmus+

## IASE 2016 Roundtable Conference – Berlin, Germany

### GUIDELINES FOR SUBMISSION

Conference website: <http://iase-web.org/conference/roundtable16>

**1. Overview of Theme and Goals:** The 2016 Roundtable of the International Association for Statistical Education (IASE) will take place on **July 19-22, 2016** at the Max Planck Institute for Human Development (MPIB) in Berlin, Germany. The four-day Roundtable is a working conferences with participation by invitation (only), focused a unique theme: “**Promoting understanding of statistics about society**“. We aim to advance current knowledge about ways to improve the understanding of data and statistics related to key social phenomena (such as trends in migration, employment, equality, demographic change, crime, poverty, access to services, energy, education, human rights, and others). Understanding of such issues involves *statistics that often are open, official, multivariate in nature, and/or dynamic*.

Our goal is to contribute to the development of conceptual frameworks, teaching methods, technology solutions, curricular materials, and research that can support and promote learning and understanding of data and statistics about such social phenomena, as they are often not at the core of regular statistics instruction yet essential for civic engagement in modern societies. Further, in this Roundtable we focus on ideas and materials relevant for teaching *students at the college (tertiary) or high-school (secondary) levels*, leaving other contexts of learning for other conferences.

**2. Topics:** The International Program Committee (IPC) for the IASE 2016 Roundtable seeks applications that fit the goals and theme listed above, and that address one of the following five topics:

- Topic 1: Key concepts, issues, barriers, and research findings related to understanding of statistics and data about social phenomena that can guide curriculum design and educational planning,
- Topic 2: Reflective reports on teaching experiences and lesson plans (at the tertiary/college and high-school levels) using rich and authentic data or large datasets (e.g., from official agencies) that are relevant to understanding of social topics and civic phenomena as explained above,
- Topic 3: Constructions and misuse of evidence and statistics about society in the public domain (e.g., in the media) that learners should be aware of, and effective ways to overcome them,
- Topic 4: Engaging social data with technology: accessing and managing open data and big data in the classroom, and new data visualisation and other technology-based tools that can improve the understanding of data and statistics about social phenomena,
- Topic 5: Other tools & processes that can inform innovation in teaching/learning for understanding statistics about society, e.g., assessment, professional development, etc.

**3. Submissions and Expectations:** The Roundtable will be a working conference, by invitation. You can participate in one of the following four roles: Paper presenter [oral], Workshop/Demonstration Lesson teacher, Poster, or Discussant/Group Leader. A submission for a Paper, Workshop/Lesson or Poster requires a *structured abstract (300 words) + brief description of personal background (50-90 words)*. A submission for a Discussant/Workgroup leader requires an *extended description of relevant background (200-300 words)*. All submissions will be peer-refereed. Details about the required information for each role are listed below. The sections below describe key dates for submissions for the different roles, guidelines for structuring the abstracts, details of the submission process, refereeing process, funding, etc. For more details about the conference rationale and topics, see <http://iase-web.org/conference/roundtable16>.

**4. Key dates (in 2015/ 2016).** Below are key deadlines, separately for each role and then for all participants. See further notes below, and more details in subsequent sections.

<b>For: Paper presenter [long/short oral], Workshop / Demonstration Lesson teacher</b>	
Nov 1, 2015	Deadline for submission of <i>structured abstract</i> (300 words) + <i>brief description of personal background</i> (50-90 words)
Dec 7, 2015	IPC informs authors of decision & <i>provisional</i> acceptance (see notes 1+2 below)
Jan 31, 2016	Submit first draft of paper for refereeing (more details in sections 5+6 below)
March 31	IPC sends refereeing results + notification of final (formal) acceptance
June 1, 2016	Upload revised paper to conference website (to be made available for advanced reading to all delegates and to Discussants)
<b>For: Poster</b>	
Dec 10, 2015	Deadline for submission of <i>structured abstract</i> (300 words) + <i>brief description of personal background</i> (50-90 words). No need to submit the actual poster.
Jan 15, 2016	IPC informs authors of decision & acceptance
<b>For: Discussant or Group Leader</b>	
Dec 10, 2015	Submit <i>extended description of personal background</i> (200-300 words)
Jan 15, 2016	IPC informs about decision & acceptance
June 5, 2016	Get access to paper(s) for which you have to be a Discussant / Group leader

<b>ALL participants/authors (in all roles)</b>	
1 February	<b>Early Registration (reduced fees) starts</b>
1 May	<b>Regular registration (higher fees) start</b>
1 June	<b>Registration closes. By June 1 authors must register (and upload their paper if they are invited to present an oral or a workshop) to be included in the program.</b>
19 July	<b>Roundtable begins</b> - Opening reception: 09:00 on 19 July, 2015
22 July	<b>Roundtable ends</b> - Closing by 16:00
24-30 July	<b>13th ICME congress in Hamburg</b> (Opening: early evening 26 July)
31 Oct 2016	Final papers and summaries by Discussant/Group Leader submitted for online Conference Proceedings (authors are encouraged to revise papers)
15 Dec 2016	Publication of online Proceedings on the IASE website

**Note 1 - about provisional acceptance:** A "Provisional acceptance" means that an author is invited to the Roundtable - but on condition that the author indeed submits by Jan 31 a draft paper (developed based on the abstract) for the refereeing process, and commits to revise the draft based on the refereeing feedback and then upload a revised version by June 1. We clarify that the main purpose of the refereeing is to provide constructive feedback to authors whose abstract and background were found provisionally suitable, so they can improve their written paper before uploading to the conference website by June 1, 2016. However the IPC may have to reject a submission, even after provisional acceptance, if the results of the refereeing process are too negative or a draft paper was not submitted by Jan 31.

**Note 2 - how many papers/posters:** You can submit more than one paper or poster - but please don't flood us! choose wisely. See Section 7 for how the IPC will make decisions. In any case, an accepted paper or poster cannot also be presented at the ICMI13 and should not have been presented "as is" elsewhere.

## 5. More about roles and expectations:

### 5a. For roles of Paper [oral] presenter, and Workshop or Demonstration Lesson Teacher:

1. **Focus:** All proposals should address at least one of the five Topics and consistent with the overall conference theme and goals listed in Sections 1+2 above, *and* be relevant to teaching/learning of either *college* (tertiary) or *upper secondary or high-school students*.
2. **Paper length and refereeing:** Those submitting by Jan 31 for the **roles of Paper presenter** [long or short oral], or **Workshop / Demonstration Lesson teacher** should prepare a draft of up to 4 pages (includes everything [i.e., title, all body text & references], font = 11 point Times-Roman, margins = 2 cm on all sides, single space, A4 sheet), revise their draft with the help of the feedback received, and upload a revised paper by June 1. After the conference, authors can further revise if they wish, based on the discussions, and submit a [longer] paper into the Proceedings. *Technical guidelines to prepare the paper for the Proceedings with details on formatting and length will be published by Oct 1, 2015.*
3. **Talk length:** Paper [oral] presentations will be either long [oral] (approx. 40 min. talk + 20 min. discussion), or short [oral] (20 min. + 10 min. discussion). Workshop/lessons will be 60-70 min. + discussion, yet timing may vary. Discussants will normally have 10 minutes.

**5b. Poster:** Same focus as for Papers (see 5a-1). Follow the relevant guidelines in Section 6 for abstract submission. (A poster will be a standard A0 size, but you do not submit it).

**5c. For the role of Discussant or Group Leader:** These roles enable you to contribute in diverse ways. As a **Discussant** you have to prepare a 10-min reaction to a paper assigned to you by the IPC. Your reaction may then be uploaded after the conference as a separate short paper [up to 4 pages] into the Web-based Proceedings). If you are assigned as a **Group Leader** you will have to [co]-guide a small group discussion in a professional manner, and may have to summarize the group's discussion and your impressions into a separate short paper [up to 4 pages], to be submitted after the conference into the Web-based Proceedings. *See section 6b below for more info on what to submit.*

## 6. How to prepare your submission

**6a. Submissions for Papers (long or short oral), Workshop/Demo, or Poster:** Please upload a **50-90 word informal description** about yourself (background & experience, what you do, etc) and a **structured abstract of maximum 300 words** (in the body text of the abstract, not including main title, but including the subtitles below). Abstracts will not include any references or bibliography). Note: below, possible alternate titles are given after the "or", to enable some flexibility.

**Papers & Posters on empirical research, conceptual analysis or project evaluations:** Organize the abstract according to subtitles below, which should appear 'as is' in the submitted Abstract:

- **Goals:**
- **Design** (or: Method):
- **Results:**
- **Implications for theory & practice:**
- **Originality & Value** (or: Importance)

Notes: clarify the linkage of the research and its results to the conference theme and the Topic you chose. If data were used for educational activities, clarify their nature (e.g., open/official) and source.

**Papers & Posters on teacher experiences, field-based educational interventions, lesson plans, new assessments, and proposals for a Workshop/Demonstration lesson:** Use the following categories as a rough guideline; adapt depending on the nature of your project or work.

- **Context & Purpose** (or: Need)
- **Design** (or Approach),
- **Outcomes** (or: Lessons learned)
- **Implications for practice / R&D:**
- **Importance** (or: Originality & Value)

Notes: clarify the linkage of the lesson or class project and its outcomes to the conference theme and the Topic you chose. Clarify the nature of the dataset or statistics used (e.g., open/official) and their source.

**6b. Discussant/Workgroup leader.** If you are interested in the Discussant or Group leader role and think you can contribute to the conference goals in this way, prepare a 200-300 word "*personal description*" of relevant background (e.g., research, professional experience, educational activities), and how these may help you fulfil the requested role and how they relate to the conference goals.

## 7. Further details about the submission process

**7a. Process:** The submission system will ask you for the following:

- (1) choose one of the five topics in which you are most interested.
- (2) provide your full details (full name, affiliation/institution, country, email)
- (3) if you are submitting a proposal for a paper or poster or workshop/lesson, that involves other co-authors, provide details of all other authors/contributors (full name, affiliation/institution, country, email), and *identify one author as the presenting author*.
- (4) indicate one role you are requesting (Paper [oral] presenter, Workshop/Demo lesson instructor, Poster, or Discussant/Workgroup leader). If a paper, also if you prefer to have the paper be considered for a long oral (40' + 20') or a short oral (20' + 10').
- (5) insert/paste the text of your *structured abstract*, and your *personal description* (50-90 words for Paper, Workshop/ lesson, Poster; 200-300 words for Discussant/Leader)
- (6) indicate if you have any special comments or requests about your submission or role.

**7b. Decisions:** The IPC will select submissions depending on their fit with the conference theme, topics, and available space. The IPC desires to ensure diversity in participation, and encourages submissions by early career and experienced scholars, educators, and professionals from diverse backgrounds and contexts. Yet, given space constraints and the need to cover multiple topics, the IPC may not be able to accommodate all requests.

The IPC will aim to take into account submitters' preference for a specific role, but cannot commit in advance that all requests can be granted due to program constraints. The IPC reserves the right to assign submissions for papers into a poster role, change length of presentation, and make other adjustments based on program needs and available space.

The organizers aim to invite some of the presenters for inclusion in various professional publications, but make no promises at this stage regarding the feasibility of these options, which depend on future external arrangements of a selective nature.

Inclusion of an accepted submission in the final conference program is conditional on at least one of the authors being registered and presenting the paper/poster *in person* at the conference. Likewise, publication of papers or posters in the online Proceedings [on the IASE website] is conditional on at least one author attending the conference as a registered participant and presenting the paper/poster in person.

**8. Funding support:** The organizers may be able to offer a limited number of grants on a competitive basis to some (not all) participants from developing [less affluent] countries, graduate students, and high-school (secondary) teachers. These grants can cover some (not all) expenses, i.e., funded participants will be expected to find supplemental sources to cover their full expenses. More details about financial support and related dates will appear on the conference website, see the "Registration" menu at: <http://iase-web.org/conference/roundtable16/registration.php>.

**9. More information:** Please visit our website <http://iase-web.org/conference/roundtable16> for more information about the conference theme, rationale and specific topics, as well as for information about the venue, fees, lodging, etc. Please take into account that at this stage we only have partial information on some issues. The website will be updated as conference plans evolve. See below what to do if you have further questions.

## 10. Whom to contact:

- **Questions about scientific program and submissions** - send to the Chair of the Int'l Program Committee: Joachim Engel: <engel@ph-ludwigsburg.de>.
- **Questions about local arrangements (fees, registration, lodging, etc.)** - send to Local Organizing Committee Chair: Laura Martignon <martignon@ph-ludwigsburg.de>.
- **Questions about funding:** See the conference website under "Registration" menu for basic information. We will add more details from Sept 20, 2015.

We look forward to your submission!

-- Joachim Engel (Germany), Chair, International Program Committee (IPC)

-- Laura Martignon (Germany), Chair, Local Organizing Committee (LOC)