Updated: July 9, 2020

Very Large Data Bases

## **VLDB 2020**

# **Sponsorship Prospectus**

The 46th International Conference on Very Large Data Bases (VLDB 2020)

https://vldb2020.org/

Tokyo, Japan (Online)

August 31 – September 4, 2020

## Greetings

The VLDB International Conference, sponsored by the VLDB Endowment, is a top-tier annual conference for the database field, and 2020 will be its 46th meeting. It is one of three international conferences focused primarily on databases, along with SIGMOD (organized by ACM) and ICDE (organized by IEEE). This will be the third meeting in Japan; it was held in Tokyo in 1977 and Kyoto in 1986. VLDB presentations cover a wide range of database technologies and systems, from data mining to big-data analysis, providing excellent opportunities for learning about state-of-the-art technologies and system trends in the database field and their applications to research and development.

In recent years, there has been increased focus on the importance of fostering human resources related to databases, big data, cloud computing, and the data sciences. This necessitates continual monitoring of international trends in research and development, for which an international perspective is vital. The VLDB 2020 conference will contribute to the development of such human resources through conference event planning and management.

VLDB 2020 can provide our supporting companies and organizations with help in improving their presence and in informing others about their activities in various ways, including by displaying company logos on our homepage and in pamphlets.

The VLDB 2020 Organizing Committee is eagerly anticipating your participation.

[Update] Due to COVID-19, VLDB 2020 conference will be held online on the original schedule. The up-to-date information will be posted on the website.

Committee Chair Hiroyuki Kitagawa (University of Tsukuba)

Executive Committee Chair Yoshiharu Ishikawa (Nagoya University)

Christian S. Jensen (Aalborg University)

Treasury Committee Atsuyuki Morishima (University of Tsukuba): Domestic Sponsorship Chair

Sponsorship Committee Xiaoyong Du (Renmin University)

Chairs Mohamed Mokbel (Hamad Bin Khalifa University)

Vasilis Vassalos (Athens University of Economics and Business)

VLDB 2020 Sponsorship contact

(JTB Communication Design) vldb2020@jtbcom.co.jp

## Conference Overview

#### **Conference name**

The 46th International Conference on Very Large Data Bases

Abbreviation: VLDB 2020

#### **Dates**

Aug. 31 (Mon) -Sept. 4 (Fri), 2020

#### Location

Online

#### **Host organizations**

Organizer: VLDB 2020 International Conference Organizing Committee

Co-organizer: The Database Society of Japan (DBSJ)

## Previous VLDB Conferences

Aug. 26–30, 2019	Los Angeles (U.S.A.)



Aug. 27–31, 2018	Rio de Janeiro (Brazil)
	,



Aug. 28–Sept. 1, 2017 Munich (Germany)



Sept. 5–9, 2016 New Delhi (India)



Aug. 31–Sept. 4, 2015 Hawaii (U.S.)



Sept. 1–5, 2014 Hangzhou (China)



Aug. 26–30, 2013 Riva del Garda (Italy)



Aug. 27–31, 2012 Istanbul (Turkey)



### **Organizing Committee**

The main members of the current organization are as follows (Asterisks denote committee chairs).

Honorary Chair Masaru Kitsuregawa (The University of Tokyo / National Institute of Informatics)

Organizing Committee Chair Hiroyuki Kitagawa (University of Tsukuba)

VLDB Endowment Sharad Mehrotra (University of California, Irvine)

Representative

General Chairs Yoshiharu Ishikawa (Nagoya University)

Christian S. Jensen (Aalborg University, Denmark)

Program Committee Chairs Magdalena Balazinska (University of Washington, USA)

Xiaofang Zhou (The University of Queensland, Australia)

Associate Editors Azza Abouzied (New York University Abu Dhabi)

Amr El Abbadi (University of California, Santa Barbara)

Phil Bernstein (Microsoft Research)

Xin Luna Dong (Amazon)

Zi (Helen) Huang (University of Queensland)

Nick Koudas (University of Toronto)

Georgia Koutrika (Athena Research Center)

Guoliang Li (Tsinghua University)

Alexandra Meliou (University of Massachusetts, Amherst)

Felix Naumann (Hasso Plattner Institute, University of Potsdam)

Dan Olteanu (University of Oxford)

M. Tamer Özsu (University of Waterloo)

Aditya Parameswaran (University of California, Berkeley)

Andy Pavlo (Carnegie Mellon University)

Xiaokui Xiao (National University of Singapore)

Jeffrey Xu Yu (The Chinese University of Hong Kong)

Meihui Zhang (Beijing Institute of Technology)

Jingren Zhou (Alibaba Group)

Tutorial Chairs Michael J. Carey (University of California, Irvine)

Renée J. Miller (Northeastern University)

Industrial Chairs Tiziana Catarci (Sapienza Università di Roma)

Carlo Curino (Microsoft)

Divesh Srivastava (AT&T Labs)

Demo Chairs Yasuhiro Fujiwara (NTT Software Innovation Center)

Ioana Manolescu (INRIA)

Ying Zhang (University of Technology, Sydney)

Panel Chairs Anastasia Ailamaki (EPFL)

Surajit Chaudhuri (Microsoft)

Workshop Chairs Wook-Shin Han (POSTECH)

Makoto Onizuka (Osaka University)

Nesime Tatbul (MIT / Intel Labs)

PhD Workshop Chairs Ziawasch Abedjan (TU Berlin)

Katja Hose (Aalborg University)

Sponsorship Committee Xiaoyong Du (Renmin University)

Chairs Mohamed Mokbel (Hamad Bin Khalifa University)

Vasilis Vassalos (Athens University of Economics and Business)

Publicity Committee Chair Hideaki Kimura (Oracle)

Proceedings Chairs Hiroaki Shiokawa (University of Tsukuba)

Sen Wang (University of Queensland)

Treasury Committee Toshiyuki Amagasa (University of Tsukuba)\*

Atsuyuki Morishima (University of Tsukuba)

Nobutaka Suzuki (University of Tsukuba)

Web and SNS Committee Shohei Yokoyama (Tokyo Metropolitan University)\*

Kyoung-Sook Kim (Advanced Industrial Science and Technology)

Steven Lynden (Advanced Industrial Science and Technology)

Akiyoshi Matono (Advanced Industrial Science and Technology)

Local Arrangement Jun Miyazaki (Tokyo Institute of Technology)\*

Committee Masatoshi Oguchi (Ochanomizu University)

Masashi Toyoda (The University of Tokyo)

Chiemi Watanabe (Tsukuba University of Technology)

Registration Chairs Kaoru Katayama (Tokyo Metropolitan University)

Takashi Tomii (Yokohama National University)

Domestic Advisory Board Miyuki Nakano (Tsuda University)

Haruo Yokota (Tokyo Institute of Technology)

Masatoshi Yoshikawa (Kyoto University)

#### Outline of the Conference

VLDB 2020 is considering a new attempt to make people around the world enjoy the conference. The outline is attached at the end of this document. The following is the summary of the current plan:

- We organize the conference in four blocks in different time ranges. Each paper/demo session is repeated in a different block so that you can watch the presentation in your time zone.
- Presentations of research/industrial papers and demos should be pre-recorded and uploaded before
  the conference, and we focus on live Q&A's.
- Keynotes, panels, awards talk, etc. are based on streaming (recorded videos may be used in the repeated sessions)
- Slots for social / sponsor activities are available.

#### **Conference schedule (draft)**

```
Aug. 31 (Mon)

Workshops

Sept. 1 (Tue)

Welcome Session & Keynote 1

Research / Industrial Sessions, Tutorials

Social / Sponsor Activities
```

#### Sept. 2 (Wed)

Award Talks

Keynote 2

Research / Industrial Sessions, Demos, Tutorials

Panel

Social / Sponsor Activities

#### Sept. 3 (Thu)

Keynote 3

Research / Industrial Sessions, Tutorials

Social / Sponsor Activities

#### Sept. 4 (Fri)

Workshops

#### **Number of presentations:**

Research papers: 228 (Max)

Industry papers: 31

Demos: 51

Tutorials: 6

Keynotes: 3

Panel: 1

In addition, 11 Workshops and a Ph.D. Workshop will be held.

#### **Conference composition**

- (1) **Keynote speeches**: Multiple lectures by noteworthy top-level researchers and developers.
- (2) **Research paper presentations**: Presentations of the results of cutting-edge research. Note that only papers that have been submitted to and accepted by that year's issue of the journal *Proceedings of the VLDB (PVLDB)* are qualified for presentation at the VLDB conference.
- (3) **Industrial paper presentations**: Primarily presentations related to systems technologies in the industrial sector. As with research papers, industrial papers must have been accepted by *PVLDB*, but submissions are not accepted throughout the year. Instead, they are accepted in conjunction with hosting of the VLDB conference. Note that VLDB conferences in recent years have not established separate industrial sessions, but have presented industrial papers along with presentation sessions for research papers on similar topics.
- (4) **Demonstrations**: Demonstrations of cutting-edge technologies and systems. As with industrial papers, submissions and acceptance are for that year's VLDB conference.
- (5) **Tutorials**: Commentaries about cutting-edge database technologies presented by researchers well-versed in the field.
- (6) **Panel discussions**: Panel discussions by top-level researchers and developers on topics related to database technologies.
- (7) **Poster sessions**: Poster presentations with oral descriptions of research and industrial papers, allowing opportunities for more detailed descriptions than are possible in presentations.
- (8) **Workshops**: Proposed workshops on individual topics held in conjunction with the VLDB conference, along with presentations and discussions focusing on those themes.

## **Sponsorships**

#### **Sponsor categories**

We refer to companies and organizations supporting VLDB 2020 through sponsorships as "sponsors." There are four sponsor categories, Diamond, Platinum, Gold, and Silver. See pages 9 and 10 for details of benefits for basic sponsors.

Please feel free to contact the VLDB 2020 Organizing Committee with any questions regarding becoming a sponsor.

#### **Sponsor applications**

- The deadline of the formal sponsor application is **mid of August**, **2020**. However, please contact us as early as possible (informal deadline: **August 1st**, **2020**) for constructing the program structure (e.g., Sponsor Talk), services, etc.
- Please make inquiries and applications as VLDB 2020 sponsors as early as possible so that your company
  name and logo can be displayed for the longest time possible.
- We will contact applicants with further information about supplying banner ad files etc. after receiving applications.

## **Common Sponsor Benefits**

All sponsors will receive the following benefits:

Logo display before and during sessions

Unlimited complementary registrations, including for authors

Note: Due to the system capacity, we may set an upper limit.

## **Summary of Sponsor Benefits**

	Fee (JPY / USD)	Benefits	Logo display	Complim entary registrati ons	Material on web site	Webinar rooms	Sponsor talks	Web portal for recruiting	Promotio nal video	Year around promotion on events
Diamond	Above 20K USD or above 2M JPY	Year around Benefits	✓	✓	✓	✓	✓	<b>✓</b> *1	✓	✓
Platinum	20K USD or 2M JPY	Premium Benefits	✓	✓	✓	✓	✓	<b>✓</b> *2	✓	
Gold	10K USD or 1M JPY	Enhance d Benefits	✓	✓	✓	✓				
Silver	5K USD or 500K JPY	Standard Benefit	✓	✓						

<sup>\*1.</sup> Available all through the year

<sup>\*2.</sup> Available for a month after conference

**Diamond Sponsors** (Fee: Above 20,000 USD or above 2,000,000 JPY)

In addition to benefits common to all sponsors, Diamond Sponsors receive the following benefits:

• Integrated sponsorship material at conference web site and program schedule

• Dedicated webinar rooms for sponsors (similar to booth in a regular conference)

• Sponsor Talks (advertised with title of the talk, presenter information, etc.) in the main program

Dedicated Web Portal for advertising job positions and accepting applicant resumes

\* Available all through the year

Sponsor's (up to 5 minutes) promotional video during special social/sponsorship events (subject to final

program)

• Opportunities to promote database education and research through various VLDB endowment sponsored

events all through the year. Display of company logos and advertisement of company website during such

events.

Note: We may provide a distinguished "Premium Diamond" rank for a sponsor who provides an extremely large

amount of sponsor fee. Additional benefits are negotiable.

Platinum Sponsors (Fee: 20,000 USD or 2,000,000 JPY)

In addition to benefits common to all sponsors, Platinum+ Sponsors receive the following benefits:

• Integrated sponsorship material at conference web site and program schedule

• Dedicated webinar rooms for sponsors (similar to booth in a regular conference)

Sponsor Talks (advertised with title of the talk, presenter information, etc.) in the main program

Dedicated Web Portal for advertising job positions and accepting applicant resumes

\*Available for a month after conference

Sponsor's (up to 5 minutes) promotional video during special social/sponsorship events (subject to final

program)

**Gold Sponsors** (Fee: 10,000 USD or 1,000,000 JPY)

In addition to benefits common to all sponsors, Gold Sponsors receive the following benefits:

Integrated sponsorship material at conference web site and program schedule

• Dedicated webinar rooms for sponsors (similar to booth in a regular conference)

Silver Sponsors (Fee: 5,000 USD or 500,000 JPY)

Silver Sponsors receive the Standard Benefits.

10

## VLDB 2020 Sponsorship Application

Company or organization name	(Please provide name as it should be listed in printed materials.)
Sponsorship Type	<ul> <li>□ Diamond (Above 20,000 USD or above 2,000,000 JPY)</li> <li>□ Platinum (20,000 USD or 2,000,000 JPY)</li> <li>□ Gold (10,000 USD or 1,000,000 JPY)</li> <li>□ Silver (5,000 USD or 500,000 JPY)</li> </ul>
Sponsor benefits (common)	Logo display before and during VLDB 2020 sessions:  Yes Company or organization name  (
	Use of VLDB 2020 official logo  □ Will use □ Will not use □ To be determined

	Name
	Postal Address
Contact	Division or department
	Email
	Telephone number
Questions, etc.	

Note: Please submit logo image data (in .jpeg, .ai, or .eps format) along with your application.

Thank you for your cooperation!

#### Regarding use of private information

All private information received will only be used for communications related to the 46th International Conference on Very Large Data Bases (VLDB 2020). No disclosures to third parties will be performed without the express consent of persons involved.

Submit applications to:

VLDB Sponsorship Office

c/o JTB Communication Design, Inc.

To: Ayumi Ohmura (Ms.)

3-23-1 Celestine Shiba Mitsui Bldg., Shiba, Minato, Tokyo

Telephone: +81-(0)3-5657-0777 Fax: +81-(0)3-5657-0636

Email: vldb2020@jtbcom.co.jp

Tuesday, September 1, 2020 at 07:00:00	Tue 12:00 midnight *	Tue 3:00 am *	Tue 4:00 am	Tue 7:00 am	Tue 9:00 am *	Tue 10:00 am	Tue 11:30 am *	Tue 12:30 pm	Tue 2:00 pm	Tue 3:00 pm	Tue 4:00 pm	Tue 5:00 pm
Tuesday, September 1, 2020 at 08:00:00	Tue 1:00 am *	Tue 4:00 am *	Tue 5:00 am	Tue 8:00 am	Tue 10:00 am *	Tue 11:00 am	Tue 12:30 pm *	Tue 1:30 pm	Tue 3:00 pm	Tue 4:00 pm	Tue 5:00 pm	Tue 6:00 pm
Tuesday, September 1, 2020 at 09:00:00	Tue 2:00 am *	Tue 5:00 am *	Tue 6:00 am	Tue 9:00 am	Tue 11:00 am *	Tue 12:00 noon	Tue 1:30 pm *	Tue 2:30 pm	Tue 4:00 pm	Tue 5:00 pm	Tue 6:00 pm	Tue 7:00 pm
Tuesday, September 1, 2020 at 10:00:00	Tue 3:00 am *	Tue 6:00 am *	Tue 7:00 am	Tue 10:00 am	Tue 12:00 noon *	Tue 1:00 pm	Tue 2:30 pm *	Tue 3:30 pm	Tue 5:00 pm	Tue 6:00 pm	Tue 7:00 pm	Tue 8:00 pm
Tuesday, September 1, 2020 at 11:00:00	Tue 4:00 am *	Tue 7:00 am *	Tue 8:00 am	Tue 11:00 am	Tue 1:00 pm *	Tue 2:00 pm	Tue 3:30 pm *	Tue 4:30 pm	Tue 6:00 pm	Tue 7:00 pm	Tue 8:00 pm	Tue 9:00 pm
Tuesday, September 1, 2020 at 12:00:00	Tue 5:00 am *	Tue 8:00 am *	Tue 9:00 am	Tue 12:00 noon	Tue 2:00 pm *	Tue 3:00 pm	Tue 4:30 pm *	Tue 5:30 pm	Tue 7:00 pm	Tue 8:00 pm	Tue 9:00 pm	Tue 10:00 pm
Tuesday, September 1, 2020 at 13:00:00	Tue 6:00 am *	Tue 9:00 am *	Tue 10:00 am	Tue 1:00 pm	Tue 3:00 pm *	Tue 4:00 pm	Tue 5:30 pm *	Tue 6:30 pm	Tue 8:00 pm	Tue 9:00 pm	Tue 10:00 pm	Tue 11:00 pm
Tuesday, September 1, 2020 at 14:00:00	Tue 7:00 am *	Tue 10:00 am *	Tue 11:00 am	Tue 2:00 pm	Tue 4:00 pm *	Tue 5:00 pm	Tue 6:30 pm *	Tue 7:30 pm	Tue 9:00 pm	Tue 10:00 pm	Tue 11:00 pm	Wed 12:0 midnight
Tuesday, September 1, 2020 at 15:00:00	Tue 8:00 am *	Tue 11:00 am *	Tue 12:00 noon	Tue 3:00 pm	Tue 5:00 pm *	Tue 6:00 pm	Tue 7:30 pm *	Tue 8:30 pm	Tue 10:00 pm	Tue 11:00 pm	Wed 12:00 midnight	Wed 1:00 am
Tuesday, September 1, 2020 at 16:00:00	Tue 9:00 am *	Tue 12:00 noon *	Tue 1:00 pm	Tue 4:00 pm	Tue 6:00 pm *	Tue 7:00 pm	Tue 8:30 pm *	Tue 9:30 pm	Tue 11:00 pm	Wed 12:00 midnight	Wed 1:00 am	Wed 2:00 am
Tuesday, September 1, 2020 at 17:00:00	Tue 10:00 am *	Tue 1:00 pm *	Tue 2:00 pm	Tue 5:00 pm	Tue 7:00 pm *	Tue 8:00 pm	Tue 9:30 pm *	Tue 10:30 pm	Wed 12:00 midnight	Wed 1:00 am	Wed 2:00 am	Wed 3:00 am
Tuesday, September 1, 2020 at 18:00:00	Tue 11:00 am *	Tue 2:00 pm *	Tue 3:00 pm	Tue 6:00 pm	Tue 8:00 pm *	Tue 9:00 pm	Tue 10:30 pm *	Tue 11:30 pm	Wed 1:00 am	Wed 2:00 am	Wed 3:00 am	Wed 4:00 am
Tuesday, September 1, 2020 at 19:00:00	Tue 12:00 noon *	Tue 3:00 pm *	Tue 4:00 pm	Tue 7:00 pm	Tue 9:00 pm *	Tue 10:00 pm	Tue 11:30 pm *	Wed 12:30 am	Wed 2:00 am	Wed 3:00 am	Wed 4:00 am	Wed 5:00 am
Tuesday, September 1, 2020 at 20:00:00	Tue 1:00 pm *	Tue 4:00 pm *	Tue 5:00 pm	Tue 8:00 pm	Tue 10:00 pm *	Tue 11:00 pm	Wed 12:30 am *	Wed 1:30 am	Wed 3:00 am	Wed 4:00 am	Wed 5:00 am	Wed 6:00 am
Tuesday, September 1, 2020 at 21:00:00	Tue 2:00 pm *	Tue 5:00 pm *	Tue 6:00 pm	Tue 9:00 pm	Tue 11:00 pm *	Wed 12:00 midnight	Wed 1:30 am *	Wed 2:30 am	Wed 4:00 am	Wed 5:00 am	Wed 6:00 am	Wed 7:00 am
Tuesday, September 1, 2020 at 22:00:00	Tue 3:00 pm *	Tue 6:00 pm *	Tue 7:00 pm	Tue 10:00 pm	Wed 12:00 midnight *	Wed 1:00 am	Wed 2:30 am	Wed 3:30 am	Wed 5:00 am	Wed 6:00 am	Wed 7:00 am	Wed 8:00 am
Tuesday, September 1, 2020 at 23:00:00	Tue 4:00 pm *	Tue 7:00 pm *	Tue 8:00 pm	Tue 11:00 pm	Wed 1:00 am *	Wed 2:00 am	Wed 3:30 am	Wed 4:30 am	Wed 6:00 am	Wed 7:00 am	Wed 8:00 am	Wed 9:00 am
Wednesday, September 2, 2020 at 00:00:00	Tue 5:00 pm *	Tue 8:00 pm *	Tue 9:00 pm	Wed 12:00 midnight	Wed 2:00 am *	Wed 3:00 am	Wed 4:30 am	Wed 5:30 am	Wed 7:00 am	Wed 8:00 am	Wed 9:00 am	Wed 10:0 am
Wednesday, September 2, 2020 at 01:00:00	Tue 6:00 pm *	Tue 9:00 pm *	Tue 10:00 pm	Wed 1:00 am	Wed 3:00 am *	Wed 4:00 am	Wed 5:30 am	Wed 6:30 am	Wed 8:00 am	Wed 9:00 am	Wed 10:00 am	Wed 11:0 am
Wednesday, September 2, 2020 at 02:00:00	Tue 7:00 pm *	Tue 10:00 pm *	Tue 11:00 pm	Wed 2:00 am	Wed 4:00 am *	Wed 5:00 am	Wed 6:30 am	Wed 7:30 am	Wed 9:00 am	Wed 10:00 am	Wed 11:00 am	Wed 12:0 noon
Wednesday, September 2, 2020 at 03:00:00	Tue 8:00 pm *	Tue 11:00 pm *	Wed 12:00 midnight	Wed 3:00 am	Wed 5:00 am *	Wed 6:00 am	Wed 7:30 am	Wed 8:30 am	Wed 10:00 am	Wed 11:00 am	Wed 12:00 noon	Wed 1:00 pm
Wednesday, September 2, 2020 at 04:00:00	Tue 9:00 pm *	Wed 12:00 midnight *	Wed 1:00 am	Wed 4:00 am	Wed 6:00 am *	Wed 7:00 am	Wed 8:30 am	Wed 9:30 am	Wed 11:00 am	Wed 12:00 noon	Wed 1:00 pm	Wed 2:00 pm
Wednesday, September 2, 2020 at 05:00:00	Tue 10:00 pm *	Wed 1:00 am *	Wed 2:00 am	Wed 5:00 am	Wed 7:00 am *	Wed 8:00 am	Wed 9:30 am	Wed 10:30 am	Wed 12:00 noon	Wed 1:00 pm	Wed 2:00 pm	Wed 3:00 pm
Wednesday, September 2, 2020 at 06:00:00	Tue 11:00 pm *	Wed 2:00 am *	Wed 3:00 am	Wed 6:00 am	Wed 8:00 am *	Wed 9:00 am	Wed 10:30 am *	Wed 11:30 am	Wed 1:00 pm	Wed 2:00 pm	Wed 3:00 pm	Wed 4:00 pm

Block 1

Block 2

Block 3

Block 4

...

Technical

Social / Sponsor Activities

# Program Content

#### Papers

- Research Papers: Max 220 + 8 rollover (but we also will have rollovers)
- Industry: 31
- Total ~260 (we should end-up with fewer because some vol 13 will rollover)

Demos: 51 (+ journal papers that are supposed to get a poster presentation)

Tutorials: 6

Keynotes: 3

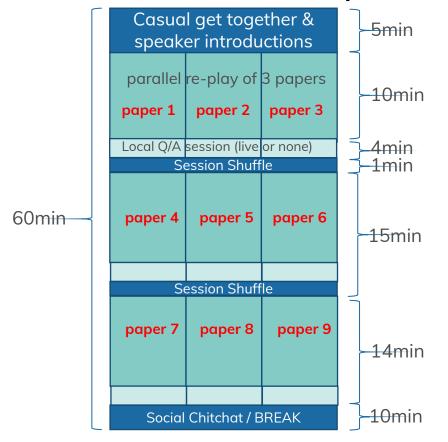
Panel: 1

Award talks: One session

Other: General chair welcome, PC chairs report, VLDB Endowment,

First Time Content Day 2 Day 3 Day 1 Repeat Content General & PC Chairs Welcome + VLDB Endowment **Award Talks** Keynote 3 Keynote 1 Block 1 Sess. 11-13 Sess. 14-16 Tutorial 5 Sess. 23-25 Sess. 26-28 Tutorial 4 Session 1-2 (27 papers) Session 3-4 (27 papers) (27 papers) (3 hrs) (27 papers) (3 hrs) (18 papers) (18 papers) Social / Sponsor Activities Social / Sponsor Activities Social / Sponsor Activities Keynote 2 General & PC Chairs Welcome + VLDB Endowment Sess. 17-19 Sess. 20-22 Tutorial 6 Demos A Demos B Block 2 (27 papers) (27 papers) (3 hrs) (1.5 hrs) Session 5-7 Sess. 8-10 **Tutorial 1** (1.5 hrs) (27 papers) (27 papers) (3 hrs) Social / Sponsor Activities Panel (1.5 hrs) Available Social / Sponsor Activities Social / Sponsor Activities Keynote 1 Award Talks Keynote 3 Block 3 Sess. 1-2 Sess. 3-4 Sess. 11-13 Sess. 14-16 Tutorial 2 Sess. 23-25 Sess. 26-28 (18 papers) (18 papers) (27 papers) (27 papers) (3 hrs) (27 papers) (27 papers) Social / Sponsor Activities Social / Sponsor Activities Social / Sponsor Activities Keynote 2 Sess. 17-19 Sess. 20-22 Tutorial 3 Demos A Demos B Block 4 Sess. 5-7 Sess 8-10 (1.5 hrs) (27 papers) (27 papers) (3 hrs) (1.5 hrs) (27 papers) (27 papers) Panel (1.5 hrs) Social / Sponsor Activities Social / Sponsor Activities Available Social / Sponsor Activities Available

# Basic One-Hour Paper Session (start sharp on time)



9 unique papers on one broad topic Talks are replays of recordings Live Q&A Author(s) may or may not be present

Idea: One zoom session with breakout rooms to bring sub-community together and facilitate switching between parallel presentations

At any time, participants may break off into an ad-hoc but public zoom breakout to continue a discussion.