

Call for Nominations – 2025 ACM SIGMOD AWARDS

Nominations and inputs for the awards should be submitted via e-mail to the SIGMOD 2025 Awards Committee Chair at sharad@ics.uci.edu

Nominations must be received by **March 10th, 2025** to be considered for this year's awards.

About the SIGMOD Awards

In 1992, ACM SIGMOD started the Annual SIGMOD Innovations Award and SIGMOD Contributions Award as part of its Awards Program. In 1999, a test-of-time award was introduced to honor a paper from ten years prior. In 2004, SIGMOD, with the unanimous approval of ACM Council, renamed the Innovations Award in honor of Dr. Edgar F. (Ted) Codd (1923 – 2003), who invented the relational data model that led to the significant development of the database field as a scientific discipline. Finally, in 2015, the System award was devised to recognize impactful systems (as opposed to papers). More details about each award are below.

The recipients will receive the awards at the annual ACM SIGMOD/PODS Conference in all cases. If the award is shared among multiple recipients, each will receive a plaque, but the monetary prize will be shared.

SIGMOD Edgar F. Codd Innovations Award

The SIGMOD Edgar F. Codd Innovations Award is for innovative and highly significant innovations of enduring value to the development, understanding, or use of data systems. The award is given annually (if there is at least one qualified candidate) and consists of a plaque plus an honorarium of \$10,000.

Previous winners of the Innovations Award are: Michael Stonebraker (1992), James Gray (1993), Philip Bernstein (1994), David DeWitt (1995), C. Mohan (1996), David Maier (1997), Serge Abiteboul (1998), Hector Garcia-Molina (1999), Rakesh Agrawal (2000), Rudolf Bayer (2001), Patricia Selinger (2002), Donald Chamberlin (2003), Ronald Fagin (2004), Michael Carey (2005), Jeffrey Ullman (2006), Jennifer Widom (2007), Moshe Vardi (2008), Masaru Kitsuregawa (2009), Umeshwar Dayal (2010), Surajit Chaudhuri (2011), Bruce Lindsay (2012), Stefano Ceri (2013), Martin Kersten (2014), Laura Haas (2015), Gerhard Weikum (2016), Goetz Graefe (2017), Raghu Ramakrishnan (2018), Anastasia Ailamaki (2019), Beng Chin Ooi (2020), Alon Halevy (2021), Dan Suciu (2022), Joe Hellerstein (2023) and Samuel Madden (2024).

Eligibility: Anyone except the current elected officers of SIGMOD (Chair, Vice Chair, and Treasurer), and members of the SIGMOD Awards Committee. Awards should be for *innovations* not already honored by a major ACM Award (e.g., the Turing Award, a SIGMOD Edgar F. Codd Innovations Award, or a SIGMOD Contributions Award). A candidate can be considered for multiple awards as long as each is for a distinct innovation.

Nomination: Anyone in the field can nominate one or more persons (self-nominations are excluded). Nominations should include a CV of the nominee, a proposed citation (up to 25 words), a succinct (100-250 words) description of the innovation, and a detailed statement to justify the nomination. Along with the nomination, up to three additional supporting letters should be submitted. Such letters should not be simple endorsements of the nomination, but convey additional factual information. The Awards Committee will evaluate all nominations and decide on zero or more winners. The Awards Committee itself is free to identify candidates for the award and is not required to pick among submitted nominations. The committee will automatically re-consider previously submitted nominations from the past two years (2023 and 2024). However, nominators are welcome to revise the supporting documents for such candidates if they so wish.

SIGMOD Contributions Award

The SIGMOD Contributions Award is for outstanding service to the database field through new community initiatives, professional service, standards activities, and research funding. The award is given annually (if there is at least one qualified candidate) and consists of a plaque plus an honorarium of \$5,000. Previous winners of the Contributions Award are: Maria Zemankova (1992), Gio Wiederhold (1993), Yahiko Kambayashi (1995), Jeffrey Ullman (1996), Avi Silberschatz (1997), Won Kim (1998), Raghu Ramakrishnan (1999), Laura Haas and Michael Carey (2000), Daniel Rosenkrantz (2001), Richard Snodgrass (2002), Michael Ley (2003), Surajit Chaudhuri (2004), Hongjun Lu (2005), Tamer Ozsu (2006), Hans-Joerg Schek (2007), Klaus Dittrich (2008), Beng Chin Ooi (2009), David Lomet (2010), Gerhard Weikum (2011), Marianne Winslett (2012), H.V. Jagadish (2013), Kyu-Young Whang (2014), Curtis Dyreson (2015), Samuel Madden (2016), Yannis E. Ioannidis (2017), Z. Meral Özsoyoğlu (2018), Ahmed Elmagarmid (2019), a team consisting of Philippe Bonnet, Juliana Freire, Stratos Idreos, Stefan Manegold, Ioana Manolescu, and Dennis Shasha in 2020, Divesh Srivastava (2021), Christian Jensen (2022), Selcuk Candan (2023) and Sihem Amer-Yahia (2024).

Eligibility: Anyone except the current elected officers of SIGMOD (Chair, Vice Chair, and Treasurer), and members of the SIGMOD Awards Committee. Awards should be for *contributions* not already honored by a major ACM Award (e.g., the Turing Award, SIGMOD Edgar F. Codd Innovations Award, or SIGMOD Contributions Award). A candidate can be considered for multiple awards as long as each is for a distinct contribution.

Nomination: Anyone in the field can nominate one or more persons (self-nominations are excluded). Nominations should include a CV of the nominee, a proposed citation (up to 25 words), a succinct (100-250 words) description of the contribution, and a detailed statement to justify the nomination. Along with the nomination, up to three additional supporting letters should be submitted. Such letters should not be simple endorsements of the nomination, but convey additional factual information. The Awards Committee will evaluate all nominations and decide on zero or more winners. The Awards Committee itself is free to identify candidates for the award and is not required to pick among submitted nominations. The committee will automatically re-consider previously submitted nominations from the past two years (2022 and 2023). However, nominators are welcome to revise the supporting documents for such

candidates if they so wish.

Test-of-time Award

The ACM SIGMOD Test of Time Award recognizes the best paper from the SIGMOD proceedings **10--12 years** prior, based on the criterion of identifying the paper that has had the most impact (research, products, methodology) over the intervening decade. The award consists of a plaque and an honorarium of \$1000. In 2025, papers that were published in the SIGMOD Proceedings in 2013--2015 will be considered. In picking a winner, the Awards Committee evaluates the evidence that the scientific or engineering contributions of the paper have had a lasting impact on our research community, on the state-of-the-art in practice, or on society more broadly. The committee values impact in practice and impact in research through significant follow-up research or establishment of a new research area. Past winners are listed at [SIGMOD Test-of-Time Award – SIGMOD Website](#).

Nomination: Anyone in the field can nominate one or more papers (self-nominations are excluded). Nominations should include a justification of no more than 750 words; plain text is preferred. Additional supporting letters are not accepted for this award. The Awards Committee itself is free to identify candidates for the award and is not required to pick among submitted nominations.

SIGMOD Systems Award

The SIGMOD Systems Award is awarded to an individual or set of individuals to recognize the development of a software or hardware system whose technical contributions have had significant impact on the theory or practice of large-scale data management systems. The award consists of a plaque and a cash prize of \$5000. The SIGMOD Systems Award is intended to recognize data management projects that are innovative, and which have widespread deployment and impact. Not every winner has to be equal in both dimensions, but neither pure research projects (innovation without a practical artifact with widespread impact) nor a pure product (a useful artifact without deep innovation) are good candidates. Some concrete criteria:

- Is the project embodied in a piece of software that is widely available?
- Is the software used by a large number of people, and does it have a major practical impact?
- Does the project embody innovative technical ideas?
- Has the project substantially changed the direction of the field?

Past winners are listed at <https://sigmod.org/sigmod-awards/sigmod-systems-award/> .

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Nomination:

Anyone in the field may nominate one or more individuals, except for self-nominations. Nominations should specify the system being recognized and include: a proposed citation (up to 25 words) and a concise description of the innovation/contribution (100–250 words), including a justification of its significance and the rationale for selecting the nominees to be explicitly recognized for the system. Along with the nomination, up to three additional supporting letters should be submitted. Such letters should not be simple endorsements of the nomination, but convey additional factual information. The Awards Committee will evaluate all nominations and decide on zero or more winners. The Awards Committee itself is free to identify candidates for the award and is not required to pick among submitted nominations. The committee will automatically re-consider previously submitted nominations from the past two years (2023 and 2024). However, nominators are welcome to revise the supporting documents for such candidates if they so wish.

The SIGMOD Awards Committee comprises:

Sourav S. Bhowmick, Nanyang Technological University, Singapore

Angela Bonifati, Université Claude Bernard, Lyon 1

H. V. Jagadish, University of Michigan

David Maier, Portland State University

Sharad Mehrotra, University of California , Irvine (Chair)

Rachel Pottinger, University of British Columbia

Sayan Ranu, Indian Institute of Technology, Delhi

Cyrus Shahabi, University of Southern California

Wang-Chiew Tan, Meta