

Divesh Srivastava

Head of Database Research, Computing,
AT&T



Awards and Honors and Year Received

- Association for Computing Machinery (ACM) Fellow, 2011 (https://awards.acm.org/award_winners/srivastava_3365632)
- Member, 100+ Patent Club, AT&T, 2016.
- IEEE Technical Committee on Data Engineering (TCDE) Impact Award, 2021 (<http://tab.computer.org/tcde/tcdeawardsrecipients.html>).
- ACM SIGMOD Contributions Award, 2021 (<https://sigmod.org/sigmod-awards/sigmod-contributions-award/>).

Involvement in CRA Activities

- Steering Committee Member, CRA-Industry, 2020-now.
- Organizing Committee, CRA Conference at Snowbird, 2020.
- Panel Co-moderator, CRA-Industry Virtual Roundtable on Corporate Responsibility and Computing Research, July 14, 2021.
- Organizing Committee, CRA Conference at Snowbird, 2022.

Other Relevant Experience

- President, Board of Trustees, Very Large Data Bases (VLDB) Endowment, 2022-2025.
- Co-chair, ACM Publications Board, 2021-now.
- Program Committee Co-chair, IEEE ICDE 2019, ACM SIGMOD 2021.
- Managing Editor, Proceedings of the VLDB Endowment (PVLDB), 2013-2018.
- General Co-chair, ACM SIGMOD 2013, IEEE ICDE 2022.

Research Interests

- 1. Data management. 2. Data integration. 3. Data quality. 4. Data privacy. 5. Data science.

2022 BOARD NOMINEE

Divesh Srivastava

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Personal Statement

Divesh Srivastava is the head of Database Research at AT&T, where he has 25+ years experience conducting and leading industrial research on data management that has been deployed at scale in AT&T. He is an ACM fellow. His professional contributions include serving as President of the VLDB Endowment, on the CRA Board of Directors, and co-chair of the ACM Publications Board. If elected to the CRA Board of Directors, he hopes to take advantage of his professional experience to build strong bridges between industry and academia, which he thinks is essential to ensure the future success of computing research.

DIVESH SRIVASTAVA

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EDUCATION

Ph.D.	Computer Sciences, University of Wisconsin, Madison, USA (1993).
B.Tech.	Computer Science & Engineering, Indian Institute of Technology, Bombay, INDIA (1987).

WORK EXPERIENCE

2020–now	Head of Database Research, AT&T Chief Data Office
1999–2020	Head of Database Research, AT&T Labs-Research
1996–1999	Member of Technical Staff, AT&T Labs-Research
1993–1996	Member of Technical Staff, AT&T Bell Laboratories

PROFESSIONAL HONORS

ACM SIGMOD Contributions Award	ACM SIGMOD, 2021. <i>For outstanding professional service to the database community including SIGMOD and VLDB Endowment; mentoring of junior researchers; innovative community initiatives; and international outreach.</i>
IEEE TCDE Impact Award	IEEE Technical Committee on Data Engineering (TCDE), 2021. <i>For contributions to deductive databases, streaming algorithms, and data integration.</i>
Member	100+ Patent Club, AT&T, 2016.
ACM Fellow	Association for Computing Machinery (ACM), 2011. <i>For contributions to query processing in data management systems.</i>

PROFESSIONAL ACTIVITIES (2001–now)

- **General Co-Chair:** IEEE International Conference on Data Engineering (ICDE), Kuala Lumpur, Malaysia, 2022.
- **Steering Committee Chair:** ACM/IMS Journal of Data Science, 2021–now.
- **Co-chair, ACM Publications Board:** July 1, 2021–now.
- **Panel co-moderator:** Roundtable on Corporate Responsibility and Computing Research. Organized by CRA-Industry. Virtual, July 14, 2021.
- **Co-chair, Program Committee:** ACM SIGMOD Conference on Management of Data, Xi'an, China, 2021.
- **Member, Steering Committee:** Computing Research Association Industry (CRA-Industry), 2020–now.

- **Chair, EiC Search Committee:** ACM/IMS Transactions on Data Science, 2020.
- **Co-Chair, Program Committee:** 2nd International Workshop on Challenges and Experiences from Data Integration to Knowledge Graphs (DI2KG), co-located with the International Conference on Very Large Databases (VLDB), Tokyo, Japan, 2020.
- **Co-Chair, Industrial Program Committee:** International Conference on Very Large Databases (VLDB), Tokyo, Japan, 2020.
- **Co-Chair, Industrial Program Committee:** ACM SIGMOD Conference on Management of Data, Portland, OR, 2020.
- **Co-Chair, Program Committee:** 1st International Workshop on Challenges and Experiences from Data Integration to Knowledge Graphs (DI2KG), co-located with the 25th ACM SIGKDD International Conference on Knowledge Discovery & Data Mining (KDD 2019), Anchorage, AK, 2019.
- **Member, Best paper awards committee:** International Conference on Very Large Databases (VLDB), Los Angeles, CA, 2019.
- **Guest Editor:** SIGMOD Record, 48(1), 2019. Special Issue on the 2018 ACM SIGMOD Research Highlight Award.
- **Board Member:** Board of Directors, Computing Research Association, 7/2019–6/2022.
- **Co-Chair, Program Committee:** IEEE International Conference on Data Engineering (ICDE), Macau, China, 2019.
- **PC Member:** 2019: SIGMOD.
- **Vice President:** Board of Trustees, VLDB Endowment, January 1, 2018 – December 31, 2021.
- **Board Member:** Board of Trustees, VLDB Endowment, January 1, 2018 – December 31, 2023.
- **Co-Chair, Program Committee:** International Conference on Information and Knowledge Management (CIKM), Turin, Italy, 2018.
- **Member, ACM Publications Board:** July 1, 2018 – June 30, 2021.
- **Co-chair, Assessment & Search Committee:** ACM Publications Board, July 1, 2018 – June 30, 2021.
- **Member, Assessment & Search Committee:** ACM Publications Board, 2018.
- **PC Member:** 2018: SIGMOD, PVLDB, SBBB.
- **Senior Program Committee:** CIKM 2017 Conference, Singapore, 2017.
- **Co-Chair, Program Committee:** Alberto Mendelzon International Workshop on Foundations of Data Management (AMW), Uruguay, 2017.
- **Chair, Tutorial Committee:** ACM SIGMOD Conference, Chicago, IL, 2017.
- **PC Member:** 2017: EDBT, ICDE, NDA.
- **Member, Steering Committee:** APWebWAIM, 2016.
- **Swiss NSF Panel Member:** National Research Programme 75 Big Data, 2016.
- **NSF Panel Member:** Information and Intelligent Systems (IIS), 2016.
- **Senior Program Committee:** ACM SIGKDD Conference, San Francisco, CA, 2016.

- **PC Member:** 2016: COMAD, AMW, WWW, QDB.
- **Member, Editorial Board:** Journal of Information and Data Management, 2015–2016.
- **Chair, Nomination Committee:** VLDB Journal Editor-in-Chief for Asia & Australia, 2015.
- **Co-Chair, Industrial Program Committee:** IEEE International Conference on Data Engineering (ICDE), Seoul, South Korea, 2015.
- **PC Member:** 2015: SIGMOD Tutorial, SSEPM, WebDB.
- **Co-Chair, Program Committee:** International Conference on Management of Data (COMAD), India, 2014.
- **Chair, Nomination Committee:** VLDB Journal Editor-in-Chief for Europe, 2014.
- **Co-Chair, Tutorial Committee:** International Conference on Very Large Databases (VLDB), Hangzhou, China, 2014.
- **Member, Travel Award Selection Committee:** ACM SIGMOD Conference, Salt Lake City, UT, 2014.
- **Group Leader, Program Committee:** ACM SIGMOD Conference, Salt Lake City, UT, 2014.
- **Chair, Best paper awards committee:** IEEE International Conference on Data Engineering (ICDE), Chicago, IL, 2014.
- **PC Member:** 2014: EDBT, ICDE, SISAP.
- **Managing Editor:** Proceedings of the VLDB Endowment (PVLDB), 2013–2018.
- **Co-Chair, Program Committee:** Web Information Systems Engineering (WISE), Nanjing, China, 2013.
- **General Co-Chair:** ACM SIGMOD Conference, New York, NY, 2013.
- **Associate Editor:** Proceedings of the VLDB Endowment (PVLDB), 2013.
- **Member, Best paper awards committee:** International Conference on Very Large Databases (VLDB), Riva del Garda, Italy, 2013.
- **PC Member:** 2013: AMW, PAIS, SIGMOD Tutorial.
- **Chair, SPEND Committee:** VLDB Endowment, 2012.
- **Group Leader, Program Committee:** ACM SIGMOD Conference, Scottsdale, AZ, 2012.
- **Workshop Chair:** International Conference on Extending Database Technology (EDBT), Berlin, Germany, 2012.
- **PC Member:** 2012: ICDE, PVLDB, AMW, DBSocial, ODBase, QDB, ER Demo.
- **Member:** 2011 IEEE CS Kanai award committee.
- **Group Leader, Program Committee:** DB Track, International Conference on Information and Knowledge Management (CIKM), Glasgow, UK, 2011.
- **Chair, 10-year best paper awards committee:** International Conference on Very Large Databases (VLDB), Seattle, WA, 2011.
- **PC Member:** 2011: ICDE, PVLDB, DaLi, WWW PhD Symposium, DBSocial, PAIS.
- **Member, Best paper awards committee:** International Conference on Information and Knowledge Management (CIKM), Toronto, Canada, 2010.

- **Member:** 2010 IEEE CS Kanai award committee.
- **Board Member:** Board of Trustees, VLDB Endowment, 2010–2015.
- **Co-Chair, Program Committee:** Asia-Pacific Web Conference (APWeb), Busan, South Korea, 2010.
- **PC Member:** 2010: EDBT, WWW, AMW, VLDB, PVLDB, PAIS, DBSec, KEYS, IDAR, QDB.
- **Associate Editor:** ACM Transactions on Database Systems (TODS), 2009–2015.
- **Associate EiC:** IEEE Transactions on Knowledge and Data Engineering, 2009–2010.
- **PC Member:** 2009: ICDE, DASFAA, DBRANK, SIGMOD, SSDBM, VLDB, PVLDB, QDB, ICIQ.
- **Co-Chair, Tutorial Track:** Conference on Management of Data (COMAD), Mumbai, India, 2008.
- **Co-Organizer:** Dagstuhl Seminar 08111 on Ranked XML Querying, Dagstuhl, Germany, 2008.
- **PC Member:** 2008: SIGMOD, LID, SWAE, VLDB, QDB.
- **Co-Editor:** VLDB Journal, Special Issue on Best Papers from VLDB 2007.
- **Member, Editorial Board:** Encyclopedia of Database Systems (EDS), 2007–2009.
- **Co-Chair, Program Committee:** International Conference on Very Large Databases (VLDB), Vienna, Austria, 2007.
- **PC Member:** 2007: ICDE, SIGMOD, SSDBM.
- **NSF Panel Member:** Information and Intelligent Systems (IIS), 2007.
- **Associate Editor:** IEEE Transactions on Knowledge and Data Engineering (TKDE), 2006–2010.
- **Member, Steering Committee:** Workshop on Clean Databases (CleanDB), Seoul, South Korea, 2006.
- **Co-Chair, Program Committee:** Conference on Semantics of a Networked World (ICSNW), Munich, Germany, 2006.
- **PC Member:** 2006: ICDE, DataX, SIGMOD, IQIS, KDD, XSym, CIKM, COMAD.
- **Co-Chair, Program Committee:** Workshop on Information Quality in Information Systems (IQIS), Baltimore, MD, 2005.
- **PC Member:** 2005: COMAD, DASFAA, WWW, PODS, ICDM, COMADb.
- **PC Member:** 2004: ICDE, DataX, XIME-P, WebDB, IQIS, ICDM, VLDB, WIDM.
- **NSF Panel Member:** Information and Intelligent Systems (IIS), 2004.
- **Co-Chair, Program Committee:** Workshop on Management and Processing of Data Streams (MPDS), San Diego, CA, 2003.
- **Moderator:** Panel on Querying Networked Databases, SIGMOD, San Diego, CA, 2003.
- **Coordinator, Americas Track:** Web Information System Engineering (WISE), Rome, Italy, 2003.
- **PC Member:** 2003: ICDE, SIGMOD.
- **NSF Panel Member:** Information and Intelligent Systems (IIS), 2003.
- **Vice-Chair, Program Committee:** IEEE International Conference on Data Engineering (ICDE), San Jose, CA, 2002.

- **PC Member:** 2002: EWIS, DMDW.
- **Co-Chair, Program Committee:** Workshop on Network-Related Data Management (NRDM), Santa Barbara, CA, 2001.
- **PC Member:** 2001: FMII, VLDB, CPM, PADL.
- **Associate Editor:** ACM SIGMOD Digital Review (DigRev), 1999–2005.
- **Associate Editor:** ACM SIGMOD Digital Symposium Collection (DiSC), 1998–2002.

INVITED TALKS (2001–now)

1. “How to do research for fun and profit”. Keynote at ACM Multimedia Asia 2021. Virtual (due to Covid-19 pandemic). 03 Dec 2021.
2. “Towards high-quality big data: A focus on time”. Keynote at 25th European Conference on Advances in Databases and Information Systems (ADBIS) 2021. Tartu, Estonia. 25 Aug 2021.
3. “Towards high-quality big data: A focus on time”. Keynote at IEEE International Conference on Big Data 2020. Virtual (due to Covid-19 pandemic). 13 Dec 2020.
4. “Exploiting similarity relationships to repair graphs”. Keynote at International Conference on Similarity Search and Applications (SISAP) 2020. Virtual (due to Covid-19 pandemic). 01 Oct 2020.
5. “Towards high-quality big data for responsible data science”. ITEE Distinguished Lecture Series in Data Science. University of Queensland. Brisbane, Australia. 10 Feb 2020.
6. “Towards high-quality big data for responsible data science”. Keynote at Australasian Computer Science Week (ACSW) 2020. Melbourne, Australia. 06 Feb 2020.
7. “Repairing noisy graphs”. Workshop on Data Science. Swinburne University of Technology. Melbourne, Australia. 05 Feb 2020.
8. “Towards high-quality big data for responsible data science”. Northwestern University. Chicago, IL. 13 Jan 2020.
9. “How to do research for fun and profit”. Federal University of Ceara (UFC). Fortaleza, Brazil. 13 Nov 2019.
10. “Towards high-quality big data for responsible data science”. Keynote at Special Session on “Data and information quality: Toward Better Data Science” at 6th IEEE International Conference on Data Science and Advanced Analytics (DSAA). Washington DC. 07 Oct 2019.
11. “Exploring change”. Keynote at APWeb-WAIM Joint Conference on Web and Big Data, Chengdu, China. 02 Aug 2019.
12. “Towards high-quality big data for responsible data science”. Keynote at Smart Statistics for Smart Applications, Milan, Italy. 19 Jun 2019.
13. “Exploring change”. Keynote at 27th Italian Symposium on Advanced Database Systems (SEBD), Castiglione della Pescaia, Italy. 18 Jun 2019.
14. “The confounding problem of private data release”. Italian National Institute of Statistics, Rome, Italy. 16 May 2019.
15. “How to do research for fun and profit”. Guangzhou University. Guangzhou, China. 12 Apr 2019.
16. “Big data integration for (product) specifications”. Pohang University of Science and Technology (POSTECH). Pohang, South Korea. 10 Oct 2018.

17. “The confounding problem of private data release”. Korea Advanced Institute of Science and Technology. Daejeon, South Korea. 08 Oct 2018.
18. “How to do research for fun and profit”. Federal University of Rio Grande do Sul (UFRGS). Porto Alegre, Brazil. 23 Aug 2018.
19. “The confounding problem of private data release”. Keynote at HPI Symposium on Future Trends in SOC. Potsdam, Germany. 19 Apr 2018.
20. “The confounding problem of private data release”. University of Roma La Sapienza. Rome, Italy. 12 Apr 2018.
21. “The confounding problem of private data release”. Data Driven Innovation Summit. Temple of Hadrian, Rome, Italy. 11 Apr 2018.
22. “Repairing noisy graphs”. Computer Science & Engineering Distinguished Colloquium. University of Texas Arlington. Arlington, TX. 23 Feb 2018.
23. “The confounding problem of private data release”. Distinguished Speaker Series, CSE Department, University of California Riverside Riverside, CA. 09 Feb 2018.
24. “Repairing noisy graphs”. Computer Science Seminar. University of California Irvine. Irving, CA. 08 Feb 2018.
25. “The confounding problem of private data release”. Keynote at International Conference on Data Science (FBDC). Shanghai, China. 19 Dec 2017.
26. “Data glitches = constraint violations – empirical explanations”. Workshop on Data Science. East China Normal University, Shanghai, China. 16 Dec 2017.
27. “Big data integration”. Keynote at Australasian Database Conference (ADC), Brisbane, Australia. 28 Sep 2017.
28. “Information theory for data management”. PhD School, Australasian Database Conference (ADC), Brisbane, Australia. 25 Sep 2017.
29. “Big data integration”. International Summer School for Big Data, Leibniz Supercomputing Centre of the Bavarian Academy of Sciences and Humanities. Munich, Germany. 25 Aug 2017.
30. “Repairing noisy graphs”. Keynote at SIGMOD NDA workshop, Chicago, IL, USA. 19 May 2017.
31. “The confounding problem of private data release”. Keynote at International Conference on Database Systems for Advanced Applications (DASFAA). Suzhou, China. 29 Mar 2017.
32. “Big data integration”. Distinguished Lecture Series, Temple University. Philadelphia, PA, USA. 08 Mar 2017.
33. “The confounding problem of private data release”. Keynote at Brazilian Symposium on Databases (SBBD). Salvador da Bahia, Brazil. 07 Oct 2016.
34. “Data glitches = constraint violations – empirical explanations”. Keynote at VLDB QDB workshop, New Delhi, India. 05 Sep 2016.
35. “The confounding problem of private data release”. University of Queensland, Brisbane, Australia. 04 Aug 2016.
36. “The confounding problem of private data release”. University of New South Wales, Sydney, Australia. 02 Aug 2016.
37. “Data quality: the other face of big data”. New York University, New York, NY, USA. 18 Apr 2016.

38. "The confounding problem of private data release". University of Roma Tre, Rome, Italy. 11 Feb 2016.
39. "Discovering and Selecting Valuable Sources for Integration". Italian National Institute of Statistics, Rome, Italy. 10 Feb 2016.
40. "The confounding problem of private data release". Laboratoire d'Informatique de Grenoble. Grenoble, France. 05 Nov 2015.
41. "Schema extraction". University of Roma Tre. Rome, Italy. 22 Oct 2015.
42. "Big data integration". University of Roma Tre. Rome, Italy. 20 Oct 2015.
43. "Big data integration". Laboratory of Information, Networking and Communication Sciences (LINCS). Paris, France. 23 Sep 2015.
44. "Discovering and Selecting Valuable Sources for Integration". Keynote at International Forum on Big Search over Cyber Space (BSCS). Melbourne, Australia. 31 May 2015.
45. "Discovering and Selecting Valuable Sources for Integration". Keynote at SIGMOD/PODS WebDB workshop, Melbourne, Australia. 31 May 2015.
46. "Data quality: the other face of big data". University of Queensland, Brisbane, Australia. 29 May 2015.
47. "Data quality: the other face of big data". University of Maryland, College Park, MD, USA. 29 Apr 2015.
48. "How to do research for fun and profit". Keynote at ICDE PhD Symposium, Seoul, South Korea. 13 Apr 2015.
49. "Big data integration". Pohang University of Science and Technology (POSTECH), Pohang, South Korea. 09 Apr 2015.
50. "Data quality: the other face of big data". Stevens Institute of Technology, Hoboken, NJ, USA. 05 Nov 2014.
51. "Big data integration". Keynote at the French Database Conference (BDA). Grenoble-Autrans, France. 14 Oct 2014.
52. "Controversy detection in wikipedia" Keynote at Asia-Pacific Web Conference (APWeb). Changsha, China. 06 Sep 2014.
53. "Selecting sources wisely for integration". Keynote at Australasian Database Conference (ADC), Brisbane, Australia. 16 Jul 2014.
54. "Big data integration". PhD School, Australasian Database Conference (ADC), Brisbane, Australia. 12 Jul 2014.
55. "Data quality: the other face of big data". University of Melbourne, Melbourne, Australia. 10 Jul 2014.
56. "How to do research for fun and profit". Keynote at SIGMOD/PODS PhD Symposium, Snowbird, UT, USA. 23 Jun 2014.
57. "In search of truth". ETH Zurich, Zurich, Switzerland. 23 May 2014.
58. "Big data integration". Colloquium, Department of Informatics, University of Zurich, Zurich, Switzerland. 22 May 2014.
59. "Big data integration". Keynote at International Conference on Management of Data (COMAD), Ahmedabad, India. 19 Dec 2013.
60. "In search of truth". Distinguished Lecture Series, Computer Science Department, Columbia University, New York, NY, USA. 09 Oct 2013.

61. "In search of truth (on the deep web)". DIMACS workshop on Big Data Integration, New Brunswick, NJ, USA. 19 Jun 2013.
62. "In search of truth (on the deep web)". Indiana University, Bloomington, IN, USA. 22 Apr 2013.
63. "In search of truth (on the deep web)". Computer Science & Engineering, Indian Institute of Technology, Bombay, India. 01 Mar 2013.
64. "Schema extraction". Lecture series on Lineage/Provenance, Google, Mountain View, CA, USA. 22 Feb 2013.
65. "In search of truth (on the deep web)". Distinguished Lecture Series, Max Planck Institute for Software Systems, Kaiserslautern, Germany. 13 Feb 2013.
66. "In search of truth (on the deep web)". Colloquium, CS Department, Universidade Federal do Amazonas, Manaus, Brazil. 17 Dec 2012.
67. "Enabling real time data analysis". Distinguished Lecture Series, School of Computing, University of Utah, Salt Lake City, UT, USA. 21 Sep 2012.
68. "In search of truth (on the deep web)". Colloquium, CS Department, University of Toronto, Toronto, Canada. 22 Aug 2012.
69. "In search of truth (on the deep web)". Keynote at Alberto Mendelzon International Workshop on Foundations of Data Management (AMW), Ouro Preto, Brazil. 28 Jun 2012.
70. "Big data fusion". Invited talk at Workshop on Big Data at Large: Applications and Algorithms, Duke University, Durham, NC, USA. 14 Jun 2012.
71. "Enabling real time data analysis". Keynote at International Conference on Database Systems for Advanced Applications (DASFAA), Busan, South Korea. 16 Apr 2012.
72. "Enabling real time data analysis". Colloquium, CSE Department, University at Buffalo, State University of New York, Amherst, NY, USA. 15 Sep 2011.
73. "Information theory for data management". VLDB Summer School, Xi'an, China. 17-19 Aug 2011.
74. "Enabling real time data analysis". Distinguished Lecturer Series, CS Department, University of Houston, Houston, TX, USA. 5 Nov 2010.
75. "Schema extraction". Keynote at International Conference on Information and Knowledge Management (CIKM), Toronto, Canada. 29 Oct 2010.
76. "Enabling real time data analysis". Keynote at International Conference on Very Large Databases (VLDB), Singapore. 14 Sep 2010.
77. "Analyzing data quality using Data Auditor". Keynote at International Conference on Web-Age Information Management, Jiuzhaigou, China. 16 Jul 2010.
78. "Weighted set similarity: queries and updates". Keynote at SIGMOD 2010 PhD Workshop on Innovative Database Research, Indianapolis, IN, USA. 11 Jun 2010.
79. "Dependence and Truth". Computer Science & Engineering, Indian Institute of Technology, Bombay, India. 12 Apr 2010.
80. "Dependence and Truth". New England Database Society, Brandeis University, Waltham, MA, USA. 19 Feb 2010.
81. "Dependence and Truth". Distinguished Lecturer Series, CS Department, University of Maryland, College Park, MD, USA. 7 Dec 2009.

82. "Data Auditor: analyzing data quality using pattern tableaux". Industrial Keynote at ER 2009, Gramado, Brazil. 11 Nov 2009.
83. "Weighted set similarity: queries and updates". New Jersey Institute of Technology, Newark, NJ, USA. 28 Oct 2009.
84. "Weighted set similarity: queries and updates". Keynote at ICDE 2009 Workshop on Ranking in Databases, Shanghai, China. 29 Mar 2009.
85. "Useful anonymization of associations". Distinguished Lecturer Series, CS Department, University of California, Irvine, CA, USA. 30 Jan 2009.
86. "On generating near-optimal tableaux for conditional functional dependencies". The Meeting of Minds - Data Quality Research, Gold Coast, Australia. 22 Aug 2008.
87. "Entity linkage: similarity measures and algorithms". 2008 Winter School on Data Management & Data Quality, Kioloa, Australia. 19-20 Aug 2008.
88. "The Gigascope data stream management system". Computer Science & Engineering, Indian Institute of Technology, Bombay, India. 24 Mar 2008.
89. "The Bellman data quality browser". Keynote at DASFAA 2008 Workshop on Data Quality in Collaborative Information Systems, New Delhi, India. 21 Mar 2008.
90. "The Bellman data quality browser". Max Planck Institute for Informatics, Saarbruecken, Germany. 14 Mar 2008.
91. "The Gigascope data stream management system". National University of Singapore, Singapore. 28 Dec 2007.
92. "The Bellman data quality browser". DB/IR Day, SUNY, Stonybrook, NY, USA. 5 Oct 2007.
93. "Streams, systems and scalability". EDBT Summer School, Free University of Bozen-Bolzano, Italy. 4 Sep 2007.
94. "Streams, systems and scalability". Bogazici (Bosphorus) University, Istanbul, Turkey. 20 Apr 2007.
95. "Streams, systems and scalability". Workshop on Algorithms for Data Streams, IIT Kanpur, India. 18 Dec 2006.
96. "Record linkage: a database approach". Indiana University, Bloomington, IN, USA. 2 Oct 2006.
97. "The Bellman data quality browser". Seoul National University, Seoul, South Korea. 21 Sep 2006.
98. "Aggregation queries at streaming speeds". Korea Advanced Institute of Science and Technology, Daejeon, South Korea. 19 Sep 2006.
99. "The Bellman data quality browser". Keynote at 1st International Workshop on Clean Databases, Seoul, South Korea. 11 Sep 2006.
100. "Colorful XML". Keynote at 4th International XML Database Symposium, Seoul, South Korea. 11 Sep 2006.
101. "Aggregation queries at streaming speeds". Joint Statistical Meetings, Seattle, WA, USA. 9 Aug 2006.
102. "Streams, security and scalability". Colloquium, U of Toronto, Canada. 25 Oct 2005.
103. "Approximate joins: concepts and techniques". University of Waterloo, Canada. 24 Oct 2005.
104. "Streams, security and scalability". SUNY, Stonybrook, NY, USA. 28 Sep 2005.
105. "Streams, security and scalability". Keynote at 19th Annual IFIP Conference on Data and Applications Security, Storrs, CT, USA. 8 Aug 2005.

106. "Aggregation queries at streaming speeds". IBM TJ Watson, Hawthorne, NY, USA. 11 May 2005.
107. "Aggregation queries at streaming speeds". University of Wisconsin, Madison, WI, USA. 21 Jan 2005.
108. "Aggregation queries at streaming speeds". U of Illinois, Urbana-Champaign, IL, USA. 18 Oct 2004.
109. "Data stream query processing". Reykjavik University, Iceland. 28 Jun 2004.
110. "Data stream query processing". Free University of Bozen-Bolzano, Italy. 22 Jun 2004.
111. "Approximate string joins". Free University of Bozen-Bolzano, Italy. 9 Dec 2003.
112. "Phrase matching in XML". University of Waterloo, Canada. 22 Sep 2003.
113. "Approximate string joins". SSDBM Conference, Cambridge, MA, USA. 10 Jul 2003.
114. "Phrase matching in XML". University of Pisa, Italy. 19 Jun 2003.
115. "Phrase matching in XML". University of Roma–La Sapienza, Italy. 16 Jun 2003.
116. "Optimizing the secure evaluation of twig queries". Oregon Graduate Institute, OR, USA. 21 Jan 2003.
117. "Tree pattern relaxation". University of British Columbia, Canada. 17 Jan 2003.

ISSUED PATENT LIST

1. "Method and apparatus for enriching metadata via a network". Erian Laperi, Jeremy Dilks, Howard Katseff and Divesh Srivastava. Dec 7, 2021. U.S. patent number 11,194,869.
2. "Location-based blockchain". Tamraparni Dasu, Yaron Kanza and Divesh Srivastava. Aug 10, 2021. U.S. patent number 11,088,827.
3. "System for continuous monitoring of data quality in a dynamic feed environment". Tamraparni Dasu, Vladislav Shkapenyuk, Divesh Srivastava and Deborah F. Swayne. Apr 13, 2021. U.S. patent number 10,977,147.
4. "Methods, devices and systems for managing group membership and record verification using blockchain". Joshua Whitney, Matt Dugan, Johan Muedsam, Aarthi Reddy, Divesh Srivastava, Yaron Kanza, Jean Luo and Chih Chien Huang. Nov 10, 2020. U.S. patent number 10,832,220.
5. "Incremental maintenance of inverted indexes for approximate string matching". Marios Hadjieleftheriou, Nick Koudas and Divesh Srivastava. Oct 13, 2020. U.S. patent number 10,803,099.
6. "Method and apparatus for enriching metadata via a network". Erian Laperi, Jeremy Dilks, Howard Katseff and Divesh Srivastava. Aug 13, 2019. U.S. patent number 10,380,200.
7. "User-powered recommendation system". K. K. Ramakrishnan, Divesh Srivastava, Tae Won Cho and Yin Zhang. Jun 4, 2019. U.S. patent number 10,311,367.
8. "System for continuous monitoring of data quality in a dynamic feed environment". Tamraparni Dasu, Vladislav Shkapenyuk, Divesh Srivastava and Deborah F. Swayne. Jan 29, 2019. U.S. patent number 10,191,962.
9. "Managing opt-in and opt-out for private data access". David G. Belanger and Divesh Srivastava. Dec 11, 2018. U.S. patent number 10,152,586.
10. "Incremental maintenance of inverted indexes for approximate string matching". Marios Hadjieleftheriou, Nick Koudas and Divesh Srivastava. Nov 6, 2018. U.S. patent number 10,120,931.
11. "Securing database content". Su Chen, Xin Luna Dong, Laks V. S. Lakshmanan and Divesh Srivastava. May 8, 2018. U.S. patent number 9,965,507.

12. "Method and systems for content access and distribution". K. K. Ramakrishnan, William Fenner, Michael Rabinovich, Divesh Srivastava and Yin Zhang. Dec 26, 2017. U.S. patent number 9,854,023.
13. "Securing database content". Su Chen, Xin Luna Dong, Laks V. S. Lakshmanan and Divesh Srivastava. Oct 24, 2017. U.S. patent number 9,798,771.
14. "Method and systems for content access and distribution". K. K. Ramakrishnan, William Fenner, Michael Rabinovich, Divesh Srivastava and Yin Zhang. Dec 13, 2016. U.S. patent number 9,521,183.
15. "Incremental maintenance of inverted indexes for approximate string matching". Marios Hadjieleftheriou, Nick Koudas and Divesh Srivastava. Dec 6, 2016. U.S. patent number 9,514,172.
16. "Systems and methods for distributing video on demand". K. K. Ramakrishnan, Samrat Bhattacharjee, Vijay Gopalakrishnan, Rittwik Jana and Divesh Srivastava. Oct 4, 2016. U.S. patent number 9,462,339.
17. "Online data fusion". Xuan Liu, Xin Luna Dong and Divesh Srivastava. May 24, 2016. U.S. patent number 9,348,891.
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