# References

[AAB+05a]  ABADI, Daniel J. ; AHMAD, Yanif ; BALAZINSKA, Magdalena ; CETINTEMEL, Ugur ; CHERNIACK, Mitch ; HWANG, Jeong-Hyon ; LINDNER, Wolfgang ; MASKEY, Anurag ; RASIN, Alex ; RYVKINA, Esther u. a.: The Design of the Borealis Stream Processing Engine. In: *CIDR* Bd. 5, 2005, S. 277–289

[AAB+05b]  ALI, Mohamed H. ; AREF, Walid G. ; BOSE, Raja ; ELMAGARMID, Ahmed K. ; HELAL, Abdelsalam ; KAMEL, Ibrahim ; MOKBEL, Mohamed F.: NILE-PDT: A phenomenon detection and tracking framework for data stream management systems. In: *Proceedings of the 31st international conference on Very large data bases* VLDB Endowment, 2005, S. 1295–1298

[ABB+03]  ARASU, Arvind ; BABCOCK, Brian ; BABU, Shivnath ; DATAR, Mayur ; ITO, Keith ; NISHIZAWA, Itaru ; ROSENSTEIN, Justin ; WIDOM, Jennifer: STREAM: the stanford stream data manager (demonstration description). In: *Proceedings of the 2003 ACM SIGMOD international conference on Management of data* ACM, 2003, S. 665–665

[ABB+04]  ARASU, Arvind ; BABCOCK, Brian ; BABU, Shivnath ; CIESLEWICZ, John ; DATAR, Mayur ; ITO, Keith ; MOTWANI, Rajeev ; SRIVASTAVA, Utkarsh ; WIDOM, Jennifer: *Stream: The stanford data stream management system.* Book Chapter, 2004

[ABB+13]  AKIDAU, Tyler ; BALIKOV, Alex ; BEKIROĞLU, Kaya ; CHERNYAK, Slava ; HABERMAN, Josh ; LAX, Reuven ; MCVEETY, Sam ; MILLS, Daniel ; NORDSTROM, Paul ; WHITTLE, Sam: MillWheel: fault-tolerant stream processing at internet scale. In: *Proceedings of the VLDB Endowment* 6 (2013), Nr. 11, S. 1033–1044

[ABC+05]  AHMAD, Yanif ; BERG, Bradley ; CETINTEMEL, Uur ; HUMPHREY, Mark ; HWANG, Jeong-Hyon ; JHINGRAN, Anjali ; MASKEY, Anurag ; PAPAEMMANOUIL, Olga ; RASIN, Alexander ; TATBUL, Nesime u. a.: Distributed operation in the borealis stream processing engine. In: *Proceedings of the 2005 ACM SIGMOD international conference on Management of data* ACM, 2005, S. 882–884

[ACGS11]  ALI, Mohamed ; CHANDRAMOULI, Badrish ; GOLDSTEIN, Jonathan ; SCHINDLAUER, Roman: The extensibility framework in Microsoft StreamInsight. In: *Data Engineering (ICDE), 2011 IEEE 27th International Conference on* IEEE, 2011, S. 1242–1253

[AHS06a]    ABERER, Karl ; HAUSWIRTH, Manfred ; SALEHI, Ali: The Global Sensor Networks middleware for efficient and flexible deployment and interconnection of sensor networks / EPFL. 2006. – Forschungsbericht

[AHS06b]    ABERER, Karl ; HAUSWIRTH, Manfred ; SALEHI, Ali: A middleware for fast and flexible sensor network deployment. In: *Proceedings of the 32nd international conference on Very large data bases* VLDB Endowment, 2006, S. 1199–1202

[BBC+04]    BALAKRISHNAN, Hari ; BALAZINSKA, Magdalena ; CARNEY, Don ; ÇETINTEMEL, Uğur ; CHERNIACK, Mitch ; CONVEY, Christian ; GALVEZ, Eddie ; SALZ, Jon ; STONEBRAKER, Michael ; TATBUL, Nesime u. a.: Retrospective on aurora. In: *The VLDB Journal* 13 (2004), Nr. 4, S. 370–383

[BBF+10]    BIEM, Alain ; BOUILLET, Eric ; FENG, Hanhua ; RANGANATHAN, Anand ; RIABOV, Anton ; VERSCHEURE, Olivier ; KOUTSOPOULOS, Haris ; MORAN, Carlos: Ibm infosphere streams for scalable, real-time, intelligent transportation services. In: *Proceedings of the 2010 ACM SIGMOD International Conference on Management of data* ACM, 2010, S. 1093–1104

[BBKS98a]    BAULIER, Gerald D. ; BLOTT, Stephen M. ; KORTH, Henry F. ; SILBERSCHATZ, Avi: Sunrise: A real-time event-processing system. In: *Bell Labs technical journal* 3 (1998), Nr. 1, S. 3–18

[BBKS98b]    BAULIER, Jerry ; BLOTT, Stephen ; KORTH, Henry F. ; SILBERSCHATZ, Abraham: A database system for real-time event aggregation in telecommunication. In: *VLDB*, 1998, S. 680–684

[BCM06]    BARGA, Roger S. ; CAITUIRO-MONGE, Hillary: Event correlation and pattern detection in CEDR. In: *Current Trends in Database Technology–EDBT 2006.* Springer, 2006, S. 919–930

[BGHJ09]    BRENNA, Lars ; GEHRKE, Johannes ; HONG, Mingsheng ; JOHANSEN, Dag: Distributed event stream processing with non-deterministic finite automata. In: *Proceedings of the Third ACM International Conference on Distributed Event-Based Systems* ACM, 2009, S. 3

[BGS01]    BONNET, Philippe ; GEHRKE, Johannes ; SESHADRI, Praveen: Towards sensor database systems. In: *Mobile Data Management* Springer, 2001, S. 3–14

[BMK+11]    BRITO, Andrey ; MARTIN, Andre ; KNAUTH, Thomas ; CREUTZ, Stephan ; BECKER, Diogo ; WEIGERT, Stefan ; FETZER, Christof: Scalable and low-latency data processing with stream mapreduce. In: *Cloud Computing Technology and Science (CloudCom), 2011 IEEE Third International Conference on* IEEE, 2011, S. 48–58

[BSS05]     BRETTLECKER, Gert ; SCHULDT, Heiko ; SCHEK, Hans-Jörg: Towards Reliable Data Stream Processing with OSIRIS-SE. In: *BTW* Citeseer, 2005, S. 405–414

[CÇC⁺02]     CARNEY, Don ; ÇETINTEMEL, Uur ; CHERNIACK, Mitch ; CONVEY, Christian ; LEE, Sangdon ; SEIDMAN, Greg ; STONEBRAKER, Michael ; TATBUL, Nesime ; ZDONIK, Stan: Monitoring streams: a new class of data management applications. In: *Proceedings of the 28th international conference on Very Large Data Bases* VLDB Endowment, 2002, S. 215–226

[CCD⁺03]     CHANDRASEKARAN, Sirish ; COOPER, Owen ; DESHPANDE, Amol ; FRANKLIN, Michael J. ; HELLERSTEIN, Joseph M. ; HONG, Wei ; KRISHNAMURTHY, Sailesh ; MADDEN, Samuel R. ; REISS, Fred ; SHAH, Mehul A.: TelegraphCQ: continuous dataflow processing. In: *Proceedings of the 2003 ACM SIGMOD international conference on Management of data* ACM, 2003, S. 668–668

[CDTW00]     CHEN, Jianjun ; DEWITT, David J. ; TIAN, Feng ; WANG, Yuan: NiagaraCQ: A scalable continuous query system for internet databases. In: *ACM SIGMOD Record* Bd. 29 ACM, 2000, S. 379–390

[CHK⁺03]     CAMMERT, Michael ; HEINZ, Christoph ; KRÄMER, Jürgen ; MARKOWETZ, Alexander ; SEEGER, Bernhard: *Pipes: A multithreaded publish-subscribe architecture for continuous queries over streaming data sources.* Universitt Marburg, 2003

[CJSS03a]     CRANOR, Charles D. ; JOHNSON, Theodore ; SPATSCHECK, Oliver ; SHKAPENYUK, Vladislav: The gigascope stream database. In: *IEEE Data Eng. Bull.* 26 (2003), Nr. 1, S. 27–32

[CJSS03b]     CRANOR, Chuck ; JOHNSON, Theodore ; SPATASCHEK, Oliver ; SHKAPENYUK, Vladislav: Gigascope: a stream database for network applications. In: *Proceedings of the 2003 ACM SIGMOD international conference on Management of data* ACM, 2003, S. 647–651

[DFT11]     DINDAR, Nihal ; FISCHER, Peter M. ; TATBUL, Nesime: DejaVu: a complex event processing system for pattern matching over live and historical data streams. In: *Proceedings of the 5th ACM international conference on Distributed event-based system* ACM, 2011, S. 399–400

[DGP⁺07]     DEMERS, Alan J. ; GEHRKE, Johannes ; PANDA, Biswanath ; RIEDEWALD, Mirek ; SHARMA, Varun ; WHITE, Walker M. u. a.: Cayuga: A General Purpose Event Monitoring System. In: *CIDR* Bd. 7, 2007, S. 412–422

[DSA07]     DIAO, Yanlei ; STAHLBERG, Patrick ; ANDERSON, Gordon:
            SASE: Complex Event Processing over Streams. In: *3rd Biennial
            Conference on Innovative Data Systems Research (CIDR)*, 2007

[EMR+10]    ETZION, Opher ; MAGID, Yonit ; RABINOVICH, Ella ; SKAR-
            BOVSKY, Inna ; ZOLOTOREVSKY, Nir: Context aware computing
            and its utilization in event-based systems. In: *Proceedings of
            the Fourth ACM International Conference on Distributed Event-
            Based Systems* ACM, 2010, S. 270–281

[GAW+08]    GEDIK, Bugra ; ANDRADE, Henrique ; WU, Kun-Lung ; YU,
            Philip S. ; DOO, Myungcheol: SPADE: the system s declara-
            tive stream processing engine. In: *Proceedings of the 2008 ACM
            SIGMOD international conference on Management of data* ACM,
            2008, S. 1123–1134

[Gei13]     GEISLER, Sandra: Data Stream Management Systems. In: *Data
            Exchange, Information, and Streams* Citeseer, 2013, S. 275–304

[GJPPM+12]  GULISANO, Vincenzo ; JIMENEZ-PERIS, Ricardo ; PATINO-
            MARTINEZ, Marta ; SORIENTE, Claudio ; VALDURIEZ, Patrick:
            Streamcloud: An elastic and scalable data streaming system.
            In: *Parallel and Distributed Systems, IEEE Transactions on* 23
            (2012), Nr. 12, S. 2351–2365

[GJPPMV10]  GULISANO, Vincenzo ; JIMENEZ-PERIS, Ricardo ; PATINO-
            MARTINEZ, Marta ; VALDURIEZ, Patrick: Streamcloud: A large
            scale data streaming system. In: *Distributed Computing Systems
            (ICDCS), 2010 IEEE 30th International Conference on* IEEE,
            2010, S. 126–137

[Gor10]     GORDON, Michael I.: *Compiler techniques for scalable perfor-
            mance of stream programs on multicore architectures.* 2010

[GRL+08]    GURGEN, Levent ; RONCANCIO, Claudia ; LABBÉ, Cyril ; BOT-
            TARO, André ; OLIVE, Vincent: SStreaMWare: a service oriented
            middleware for heterogeneous sensor data management. In: *Pro-
            ceedings of the 5th international conference on Pervasive services*
            ACM, 2008, S. 121–130

[GSS10]     GRELCK, Clemens ; SCHOLZ, Sven-Bodo ; SHAFARENKO, Alex:
            Asynchronous stream processing with S-Net. In: *International
            Journal of Parallel Programming* 38 (2010), Nr. 1, S. 38–67

[GTA06]     GORDON, Michael I. ; THIES, William ; AMARASINGHE, Saman:
            Exploiting coarse-grained task, data, and pipeline parallelism in
            stream programs. In: *ACM SIGOPS Operating Systems Review*
            Bd. 40 ACM, 2006, S. 151–162

[GTK+02]    GORDON, Michael I. ; THIES, William ; KARCZMAREK, Michal ; LIN, Jasper ; MELI, Ali S. ; LAMB, Andrew A. ; LEGER, Chris ; WONG, Jeremy ; HOFFMANN, Henry ; MAZE, David u. a.: A stream compiler for communication-exposed architectures. In: *ACM SIGPLAN Notices* Bd. 37 ACM, 2002, S. 291–303

[HBR+05]    HWANG, Jeong-Hyon ; BALAZINSKA, Magdalena ; RASIN, Alexander ; ÇETINTEMEL, Uğur ; STONEBRAKER, Michael ; ZDONIK, Stan: High-availability algorithms for distributed stream processing. In: *Data Engineering, 2005. ICDE 2005. Proceedings. 21st International Conference on* IEEE, 2005, S. 779–790

[HCK+09]    HORMATI, Amir H. ; CHOI, Yoonseo ; KUDLUR, Manjunath ; RABBAH, Rodric ; MUDGE, Trevor ; MAHLKE, Scott: Flextream: Adaptive compilation of streaming applications for heterogeneous architectures. In: *Parallel Architectures and Compilation Techniques, 2009. PACT'09. 18th International Conference on* IEEE, 2009, S. 214–223

[HMA+04]    HAMMAD, Moustafa A. ; MOKBEL, Mohamed F. ; ALI, Mohamed H. ; AREF, Walid G. ; CATLIN, Ann C. ; ELMAGARMID, Ahmed K. ; ELTABAKH, Mohamed ; ELFEKY, Mohamed G. ; GHANEM, Thanaa M. ; GWADERA, Robert u. a.: Nile: A query processing engine for data streams. In: *Data Engineering, 2004. Proceedings. 20th International Conference on* IEEE, 2004, S. 851

[JAC07]    JIANG, Qingchun ; ADAIKKALAVAN, Raman ; CHAKRAVARTHY, Srinath: MavEStream: Synergistic integration of stream and event processing. In: *Digital Telecommunications, 2007. ICDT'07. Second International Conference on* IEEE, 2007, S. 29–29

[JC04]    JIANG, Qingchun ; CHAKRAVARTHY, Sharma: Data stream management system for MavHome. In: *Proceedings of the 2004 ACM symposium on Applied computing* ACM, 2004, S. 654–655

[JC06]    JIANG, Qingchun ; CHAKRAVARTHY, Sharma: Anatomy of a Data Stream Management System. In: *ADBIS Research Communications*, 2006

[Jia07]    JIANG, Qingchun: *A framework for supporting quality of service requirements in a data stream management system.* 2007

[KBF+15]    KULKARNI, Sanjeev ; BHAGAT, Nikunj ; FU, Masong ; KEDIGEHALLI, Vikas ; KELLOGG, Christopher ; MITTAL, Sailesh ; PATEL, Jignesh M. ; RAMASAMY, Karthik ; TANEJA, Siddarth: Twitter Heron: Stream Processing at Scale. In: *Proceedings of the*

*2015 ACM SIGMOD International Conference on Management of Data* ACM, 2015, S. 239–250

[KBRT12]  Kienzler, Romeo ; Bruggmann, Remy ; Ranganathan, Anand ; Tatbul, Nesime: Stream as you go: The case for incremental data access and processing in the cloud. In: *Data Engineering Workshops (ICDEW), 2012 IEEE 28th International Conference on* IEEE, 2012, S. 159–166

[KCC+03]  Krishnamurthy, Sailesh ; Chandrasekaran, Sirish ; Cooper, Owen ; Deshpande, Amol ; Franklin, Michael J. ; Hellerstein, Joseph M. ; Hong, Wei ; Madden, Samuel ; Reiss, Frederick ; Shah, Mehul A.: TelegraphCQ: An architectural status report. In: *IEEE Data Eng. Bull.* 26 (2003), Nr. 1, S. 11–18

[KFD+10]  Krishnamurthy, Sailesh ; Franklin, Michael J. ; Davis, Jeffrey ; Farina, Daniel ; Golovko, Pasha ; Li, Alan ; Thombre, Neil: Continuous analytics over discontinuous streams. In: *Proceedings of the 2010 ACM SIGMOD International Conference on Management of data* ACM, 2010, S. 1081–1092

[Krä07]  Krämer, Jürgen: *Continuous queries over data streams-semantics and implementation*, Universitätsbibliothek Marburg, Diss., 2007

[KS04]  Krämer, Jürgen ; Seeger, Bernhard: PIPES: a public infrastructure for processing and exploring streams. In: *Proceedings of the 2004 ACM SIGMOD international conference on Management of data* ACM, 2004, S. 925–926

[KS05]  Krämer, Joürgen ; Seeger, Bernhard: A Temporal Foundation for Continuous Queries over Data Streams. Department of Mathematics and Computer Science PhilippsUniversity, Marburg, Germany. In: *11th International Conference on Management of Data (COMAD 2005)*, 2005

[KSKR05]  Kuntschke, Richard ; Stegmaier, Bernhard ; Kemper, Alfons ; Reiser, Angelika: Streamglobe: Processing and sharing data streams in grid-based p2p infrastructures. In: *Proceedings of the 31st international conference on Very large data bases* VLDB Endowment, 2005, S. 1259–1262

[LAS+13]  Leich, Marcus ; Adamek, Jochen ; Schubotz, Moritz ; Heise, Arvid ; Rheinländer, Astrid ; Markl, Volker: Applying Stratosphere for Big Data Analytics. In: *BTW*, 2013, S. 507–510

[LHKK12]    LOESING, Simon ; HENTSCHEL, Martin ; KRASKA, Tim ; KOSS-MANN, Donald: Stormy: an elastic and highly available streaming service in the cloud. In: *Proceedings of the 2012 Joint EDBT/ICDT Workshops* ACM, 2012, S. 55–60

[LPT99]    LIU, Ling ; PU, Calton ; TANG, Wei: Continual queries for internet scale event-driven information delivery. In: *Knowledge and Data Engineering, IEEE Transactions on* 11 (1999), Nr. 4, S. 610–628

[LWK14]    LOHRMANN, Björn ; WARNEKE, Daniel ; KAO, Odej: Nephele streaming: stream processing under QoS constraints at scale. In: *Cluster computing* 17 (2014), Nr. 1, S. 61–78

[MBF14]    MARTIN, André ; BRITO, Andrey ; FETZER, Christof: Scalable and elastic realtime click stream analysis using streammine3g. In: *Proceedings of the 8th ACM International Conference on Distributed Event-Based Systems* ACM, 2014, S. 198–205

[MEB+10]    MIGLIAVACCA, Matteo ; EYERS, David ; BACON, Jean ; PAPA-GIANNIS, Yiannis ; SHAND, Brian ; PIETZUCH, Peter: SEEP: scalable and elastic event processing. In: *Middleware'10 Posters and Demos Track* ACM, 2010, S. 4

[Mer10]    MERKLI, Stephan: *Streaming in the Cloud.* Eidgenssische Technische Hochschule Zrich, Department of Computer Science, Systems Group, 2010. – Master Thesis

[MFHH02]    MADDEN, Samuel ; FRANKLIN, Michael J. ; HELLERSTEIN, Joseph M. ; HONG, Wei: TAG: A tiny aggregation service for ad-hoc sensor networks. In: *ACM SIGOPS Operating Systems Review* 36 (2002), Nr. SI, S. 131–146

[MFHH03]    MADDEN, Samuel ; FRANKLIN, Michael J. ; HELLERSTEIN, Joseph M. ; HONG, Wei: The design of an acquisitional query processor for sensor networks. In: *Proceedings of the 2003 ACM SIGMOD international conference on Management of data* ACM, 2003, S. 491–502

[MM09]    MEI, Yuan ; MADDEN, Samuel: Zstream: a cost-based query processor for adaptively detecting composite events. In: *Proceedings of the 2009 ACM SIGMOD International Conference on Management of data* ACM, 2009, S. 193–206

[MMI+13]    MURRAY, Derek G. ; MCSHERRY, Frank ; ISAACS, Rebecca ; ISARD, Michael ; BARHAM, Paul ; ABADI, Martín: Naiad: a timely dataflow system. In: *Proceedings of the Twenty-Fourth ACM Symposium on Operating Systems Principles* ACM, 2013, S. 439–455

[Mor08]      MORRELL, John:      *Complex Event Processing with Coral8.*
             Whitepaper, June 2008

[MTZ+15]     MEEHAN, John ; TATBUL, Nesime ; ZDONIK, Stan ; ASLANTAS,
             Cansu ; CETINTEMEL, Ugur ; DU, Jiang ; KRASKA, Tim ; MAD-
             DEN, Samuel ; PAVLO, Andrew ; STONEBRAKER, Michael u. a.:
             *S-Store: Streaming Meets Transaction Processing.* 2015. – arXiv
             preprint arXiv:1503.01143

[NDM+01]     NAUGHTON, Jeffrey F. ; DEWITT, David J. ; MAIER, David ;
             ABOULNAGA, Ashraf ; CHEN, Jianjun ; GALANIS, Leonidas ;
             KANG, Jaewoo ; KRISHNAMURTHY, Rajasekar ; LUO, Qiong ;
             PRAKASH, Naveen u. a.: The Niagara internet query system. In:
             *IEEE Data Eng. Bull.* 24 (2001), Nr. 2, S. 27–33

[NRNK10]     NEUMEYER, Leonardo ; ROBBINS, Bruce ; NAIR, Anish ; KESARI,
             Anand: S4: Distributed stream computing platform. In: *Data
             Mining Workshops (ICDMW), 2010 IEEE International Confer-
             ence on* IEEE, 2010, S. 170–177

[QHS+13]     QIAN, Zhengping ; HE, Yong ; SU, Chunzhi ; WU, Zhuojie ;
             ZHU, Hongyu ; ZHANG, Taizhi ; ZHOU, Lidong ; YU, Yuan ;
             ZHANG, Zheng:   Timestream: Reliable stream computation in
             the cloud. In: *Proceedings of the 8th ACM European Conference
             on Computer Systems* ACM, 2013, S. 1–14

[RDS+04]     RUNDENSTEINER, Elke A. ; DING, Luping ; SUTHERLAND, Tim-
             othy ; ZHU, Yali ; PIELECH, Brad ; MEHTA, Nishant:   Cape:
             Continuous query engine with heterogeneous-grained adaptivity.
             In: *Proceedings of the Thirtieth international conference on Very
             large data bases-Volume 30* VLDB Endowment, 2004, S. 1353–
             1356

[SAG+09]     SCHNEIDER, Scott ; ANDRADE, Henrique ; GEDIK, Buğgra ;
             BIEM, Alain ; WU, Kun-Lung:   Elastic scaling of data paral-
             lel operators in stream processing.   In: *Parallel & Distributed
             Processing, 2009. IPDPS 2009. IEEE International Symposium
             on* IEEE, 2009, S. 1–12

[Ses98]      SESHADRI, Praveen: Predator: A resource for database research.
             In: *ACM SIGMOD Record* 27 (1998), Nr. 1, S. 16–20

[SH98]       SULLIVAN, Mark ; HEYBEY, Andrew:   A system for managing
             large databases of network traffic. In: *Proceedings of USENIX*,
             1998

[SK04]       STEGMAIER, Bernhard ; KUNTSCHKE, Richard:     Stream-
             Globe:  Adaptive Anfragebearbeitung und Optimierung auf
             Datenströmen. In: *GI Jahrestagung (1)*, 2004, S. 367–372

[SKK04]    STEGMAIER, Bernhard ; KUNTSCHKE, Richard ; KEMPER, Alfons: StreamGlobe: Adaptive query processing and optimization in streaming P2P environments. In: *Proceeedings of the 1st international workshop on Data management for sensor networks: in conjunction with VLDB 2004* ACM, 2004, S. 88–97

[SLJR05]   SUTHERLAND, Timothy M. ; LIU, Bin ; JBANTOVA, Mariana ; RUNDENSTEINER, Elke A.:  D-cape: distributed and self-tuned continuous query processing. In: *Proceedings of the 14th ACM international conference on Information and knowledge management* ACM, 2005, S. 217–218

[SPAM91]   SCHREIER, Ulf ; PIRAHESH, Hamid ; AGRAWAL, Rakesh ; MOHAN, C: Alert: An architecture for transforming a passive DBMS into an active DBMS. In: *Proceedings of the 17th International Conference on Very Large Data Bases* Morgan Kaufmann Publishers Inc., 1991, S. 469–478

[TGNO92]   TERRY, Douglas ; GOLDBERG, David ; NICHOLS, David ; OKI, Brian:  *Continuous queries over append-only databases.* ACM, 1992

[TMZ08]    THAKKAR, Hetal ; MOZAFARI, Barzan ; ZANIOLO, Carlo:  Designing an inductive data stream management system: the stream mill experience. In: *Proceedings of the 2nd international workshop on Scalable stream processing system* ACM, 2008, S. 79–88

[TTS+14]   TOSHNIWAL, Ankit ; TANEJA, Siddarth ; SHUKLA, Amit ; RAMASAMY, Karthik ; PATEL, Jignesh M. ; KULKARNI, Sanjeev ; JACKSON, Jason ; GADE, Krishna ; FU, Maosong ; DONHAM, Jake u. a.: Storm@ twitter. In: *Proceedings of the 2014 ACM SIGMOD international conference on Management of data* ACM, 2014, S. 147–156

[WAR08]    WHITE, Seth ; ALVES, Alexandre ; RORKE, David:  WebLogic event server: a lightweight, modular application server for event processing. In: *Proceedings of the second international conference on Distributed event-based systems* ACM, 2008, S. 193–200

[Yao03]    YAO, Johannes Yong; G. Yong; Gehrke:  Query Processing in Sensor Networks. In: *CIDR*, 2003, S. 233–244

[YKPS07]   YANG, Yin ; KRÄMER, Jürgen ; PAPADIAS, Dimitris ; SEEGER, Bernhard: Hybmig: A hybrid approach to dynamic plan migration for continuous queries. In: *Knowledge and Data Engineering, IEEE Transactions on* 19 (2007), Nr. 3, S. 398–411

[ZDL+12]  Zaharia, Matei ; Das, Tathagata ; Li, Haoyuan ; Shenker, Scott ; Stoica, Ion: Discretized streams: an efficient and fault-tolerant model for stream processing on large clusters. In: *Proceedings of the 4th USENIX conference on Hot Topics in Cloud Ccomputing* USENIX Association, 2012, S. 10–10

[ZDL+13]  Zaharia, Matei ; Das, Tathagata ; Li, Haoyuan ; Hunter, Timothy ; Shenker, Scott ; Stoica, Ion: Discretized streams: Fault-tolerant streaming computation at scale. In: *Proceedings of the Twenty-Fourth ACM Symposium on Operating Systems Principles* ACM, 2013, S. 423–438

[Zdo03]  Zdonik, Mitch; Cetintemel Ugur; Balazinska Magdalena; Balakrishnan H. Stan; Stonebraker; Cherniack C. Stan; Stonebraker; Cherniack: The Aurora and Medua Projects. In: *Data Engineering* 26 (2003), S. 3–10

[ZS02]  Zhu, Yunyue ; Shasha, Dennis: Statstream: Statistical monitoring of thousands of data streams in real time. In: *Proceedings of the 28th international conference on Very Large Data Bases* VLDB Endowment, 2002, S. 358–369