

Research Methodology **Topics** – Academic Year 2004-2005

Topic	Relevant Top Papers
<p>P2P Databases suggested by Prof. Fausto Giunchiglia</p> <p>assigned to Ahsan-ul Morshed</p> <p>Seminar on July, 1st at 10.30 a.m.</p>	<p>[1] Steven Gribble, Alon Halevy, Zachary Ives, Maya Rodrig, Dan Suciu. What Can Databases do for Peer-to-Peer? In WebDB Workshop on Databases and the Web, June 2001.</p> <p>[2] P. Bernstein, F. Giunchiglia, A. Kementsietsidis, J. Mylopoulos, L. Serafini, and I. Zaihrayeu, Data Management for Peer-to-Peer Computing: A Vision In proceedings of the Fifth International Workshop on the Web and Databases (WebDB 2002), Madison, Wisconsin, June 6-7, 2002</p> <p>[3] Fausto Giunchiglia, Ilya Zaihrayeu Making peer databases interact - a vision for an architecture supporting data coordination In the 6th International Workshop on Cooperative Information Agents (CIA-2002), Universidad Rey Juan Carlos, Madrid, Spain, September 18 -20, 2002</p> <p>[4] Anastasios Kementsietsidis, Marcelo Arenas, and Renee Miller. Managing Data Mappings in the Hyperion Project In Proc. of the International Conference on Data Engineering (ICDE) 2003.</p> <p>[5] Alon Halevy, Zachary Ives, Dan Suciu, Igor Tatarinov Schema Mediation in Peer Data Management Systems Proc. of ICDE</p> <p>[6] Maurizio Lenzerini Principles of P2P Data Integration DIWeb 2004: 7-21</p> <p>[7] E. Franconi, G. M. Kuper, A. Lopatenko, and L. Serafini A robust logical and computational characterisation of peer-to-peer database systems In Databases, Information Systems, and Peer-to-Peer Computing, pages 64–76. Springer, LNCS 2944, 2004.</p>
<p>Web Service Composition: Issues and Trends suggested by Dr. Marco Aiello</p> <p>assigned to Yautsiukhin Artsiom</p> <p>Seminar on May, 13th at 11.15 a.m.</p>	<p>[1] Papazoglou, Michael P. and Dubray, Jean-jacques (2004) A Survey of Web service technologies Technical Report DIT-04-058, Informatica e Telecomunicazioni, University of Trento. http://eprints.biblio.unitn.it/archive/00000586/</p> <p>[2] F. Duftler, M. Khalaf, R. Nagy, W. Mukhi, N. Weerawarana, S. IBM Thomas J . Unraveling the Web services web: an introduction to SOAP, WSDL, and UDDI Curbera IEEE Internet Computing, 2002 http://ieeexplore.ieee.org/xpl/abs_free.jsp%3FarNumber%3D991449</p> <p>[3] A. Lazovik, M. Aiello, and M. Papazoglou Planning and monitoring the execution of web service requests ICSOC'03 Lecture Notes in Computer Sciences, LNCS 2910, pages 335-350, Springer. http://www.dit.unitn.it/~aiellom/publications/icsoc03.pdf</p> <p>[4] S McIlraith, TC Son, H Zeng - View as HTML - Cited by 218 Semantic Web Services IEEE Intelligent Systems, 2001 http://www.database.cis.nctu.edu.tw/seminars/workshop2003/SW/Semantic%2520web%2520and%2520services.pdf</p> <p>[5] DS Coalition, A Ankolekar, M Burstein, JR Hobbs DAML-S: Web Service Description for the Semantic Web Proc. First International Semantic Web Conference ISWC, 2002 http://www.springerlink.com/index/4AFCEE5NW28DU7PR.pdf</p>

<p>Low Power Design of Wireless Sensor Network suggested by Prof. Dario Petri</p> <p>Assigned to Massimo Saiani</p> <p>Seminar on June, 16th At 3.15 p.m</p>	<p>[1] J. M. Rabaey, M. J. Ammer, J. L. da Silva Jr., D. Patel, S. Roundry PicoRadio Supports Ad Hoc Ultra-Low Power Wireless Networking <i>IEEE Computer Magazine</i>, vol. 33, no. 7, pp. 42-48, Jul. 2000.</p> <p>[2] V. Raghunathan, C. Schurgers, S. Park, M. B. Srivastava Energy-Aware Wireless Microsensor Networks <i>IEEE Signal Processing Magazine</i>, vol. 19, No. 2, pp. 40-52, Mar. 2002.</p> <p>[3] A. Wang, A. Chandrakasan Energy-efficient DSPs for Wireless Sensor Networks <i>IEEE Signal Processing Magazine</i>, vol. 19, no. 4, pp. 68-78, Jul. 2002.</p> <p>[4] A. Y. Wang, S. H. Cho, C. G. Sodini, A. P. Chandrakasan Energy-efficient Modulation and MAC for Asymmetric RF Microsensor Systems in <i>Proc. IEEE International Symposium on Low Power Electronics and Design</i>, pp. 106–111, Aug. 2001.</p> <p>[5] B. Moyer “Low Power Design for Embedded Processors” in <i>Proceedings of the IEEE</i>, Vol. 89, no. 11, pp. 1576–1587, Nov. 2001.</p>
<p>Change Detection Techniques suggested by Prof. Lorenzo Bruzzone</p> <p>Assigned to Carlo Tomas</p> <p>Seminar on June, 30th at 12.30 p.m.</p>	<p>L. Bruzzone, D. Fernández Prieto Automatic analysis of the difference image for unsupervised change detection <i>IEEE Transactions on Geoscience and Remote Sensing</i>, Vol. 38, No. 3, Maggio 2000, pp. 1171-1182.</p> <p>L. Bruzzone, D. Fernández Prieto An adaptive semi-parametric and context-based approach to unsupervised change detection in multitemporal remote sensing images <i>IEEE Transactions on Image Processing</i>, Vol. 11, No. 4, 2002, pp. 452-466.</p> <p>L. Bruzzone, R. Cossu An Adaptive Approach for Reducing Registration Noise Effects in Unsupervised Change Detection <i>IEEE Transactions on Geoscience and Remote Sensing</i>, Vol. 41, No. 11, November 2003, pp. 2455-2465.</p> <p>L. Bruzzone, S.B. Serpico An iterative technique for the detection of land-cover transitions in multitemporal remote-sensing images <i>IEEE Transactions on Geoscience and Remote Sensing</i>, Vol. 35, No. 4, Luglio 1997, pp. 858-867.</p>
<p>Advanced Classification Methodologies suggested by Prof. Lorenzo Bruzzone</p> <p>Assigned to Mattia Marconcini</p> <p>Seminar on July, 22nd At 12.00</p>	<p>L. Bruzzone, F. Roli, S.B. Serpico Structured neural networks for signal classification <i>Signal Processing</i>, Vol. 64, No. 3, Febbraio 1998, pp. 271-290.</p> <p>G. Camps-Valls, L. Bruzzone Kernel-based methods for hyperspectral images classification <i>IEEE Transactions on Geoscience and Remote Sensing</i>, Vol. 43, in press</p> <p>M. Chi, L. Bruzzone A Semi-Labeled-Sample Driven Bagging Technique for Ill-Posed Classification Problems <i>IEEE Geoscience and Remote Sensing Letters</i>, Vol. 2, No. 1, January 2005, pp. 69-73.</p> <p>L. Bruzzone, D. Fernández Prieto Unsupervised retraining of a maximum-likelihood classifier for the analysis of multitemporal remote-sensing images <i>IEEE Transactions on Geoscience and Remote Sensing</i>, February 2001, Vol. 39, No. 2, pp. 456-460.</p> <p>L. Bruzzone, R. Cossu A multiple cascade-classifier system for a robust a partially unsupervised updating of land-cover maps</p>

	IEEE Transactions on Geoscience and Remote Sensing, Vol. 40, No. 9, September 2002, pp. 1984-1996
<p>Data Mining and Learning Systems suggested by dr. Enrico Blanzieri</p> <p>assigned to Volha Bryl</p> <p>Seminar on June, 10th At 10.30 a.m.</p>	<p>Justin Basilico and Thomas Hofman Unifying Collaborative and Content-Based Filtering ICML2004 http://www.aicml.cs.ualberta.ca/_banff04/icml/pages/papers/221.pdf</p> <p>Rodrigo B. Almeida Virgílio A. F. Almeida Community-aware Search Engine WWW2004, May 17–22, 2004, New York, New York, USA. ACM 158113844X/04/0005.</p> <p>Kazunari Sugiyama Kenji Hatano Masatoshi Yoshikawa Adaptive Web Search Based on User Profile Constructed without Any Effort from Users WWW2004, May 17–22, 2004, New York, New York, USA. ACM 1-58113-844-X/04/0005.</p> <p>Golovin, N. Rahm, E. Reinforcement learning architecture for Web recommendations International Conference on Information Technology: Coding and Computing, 2004. Proceedings. ITCC 2004.</p> <p>Stuart E. Middleton, Nigel R. Shadbolt and David C. De Roure Ontological User Profiling in Recommender Systems ACM Transactions on Information Systems, Vol. 22, No. 1, January 2004, Pages 54–88.</p>
<p>Antennas suggested by Prof. Andrea Massa</p> <p>assigned to Gabriele Franceschini</p> <p>Seminar on June, 23rd at 11 a.m.</p>	<p>Randy L. Haupt, <i>Senior Member, IEEE</i> Phase-Only Adaptive Nulling with a Genetic Algorithm IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 45, NO. 6, JUNE 1997</p> <p>Daniel S. Weile, <i>Member, IEEE</i>, and Eric Michielssen, <i>Senior Member, IEEE</i> The Control of Adaptive Antenna Arrays With Genetic Algorithms Using Dominance and Diploidy IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 49, NO. 10, OCTOBER 2001</p> <p>Salvatore Caorsi, Andrea Lommi, Andrea Massa, and Matteo Pastorino Peak Sidelobe Level Reduction With a Hybrid Approach Based on GAs and Difference Sets IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 52, NO. 4, APRIL 2004</p> <p>Jaehoon Kim, <i>Student Member, IEEE</i>, and Yahya Rahmat-Samii, <i>Fellow, IEEE</i> Implanted Antennas Inside a Human Body: Simulations, Designs, and Characterizations IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, VOL. 52, NO. 8, AUGUST 2004</p> <p>Randy L. Haupt, <i>Fellow, IEEE</i> Adaptive Crossed Dipole Antennas Using a Genetic Algorithm IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 52, NO. 8, AUGUST 2004</p> <p>Andrea Massa, <i>Member, IEEE</i>, Massimo Donelli, <i>Member, IEEE</i>, Francesco G. B. De Natale, <i>Senior Member, IEEE</i>, Salvatore Caorsi, <i>Associate Member, IEEE</i>, and Andrea Lommi Planar Antenna Array Control With Genetic Algorithms and Adaptive Array Theory IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 52, NO. 11, NOVEMBER 2004</p>
<p>Biomedical Imaging suggested by Prof. Andrea Massa</p> <p>assigned to Ganna Frankova</p>	<p>Salvatore Caorsi, <i>Member, IEEE</i>, Emanuela Bermani, and Andrea Massa, <i>Member, IEEE</i> A Finite-Element Procedure Based on a Boundary-Value Approach for the Evaluation of the Electromagnetic Exposure in Biological Phantoms IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, VOL. 50, NO. 10, OCTOBER 2002</p> <p>Elise C. Fear, Paul M. Meaney and Maria A. Stuchly Microwaves for breast cancer detection? IEEE POTENTIALS - © 2003 IEEE</p>

<p>Seminar on May, 20th at 10.30</p>	<p>Qianqian Fang, <i>Student Member, IEEE</i>, Paul M. Meaney, <i>Member, IEEE</i>, Shireen D. Geimer, Anatoly V. Streltsov and Keith D. Paulsen, <i>Member, IEEE</i> Microwave Image Reconstruction From 3-D Fields Coupled to 2-D Parameter Estimation IEEE TRANSACTIONS ON MEDICAL IMAGING, VOL. 23, NO. 4, APRIL 2004</p> <p>Xu Li, <i>Member, IEEE</i>, Shakti K. Davis, <i>Student Member, IEEE</i>, Susan C. Hagness, <i>Member, IEEE</i>, Daniel W. van der Weide, <i>Member, IEEE</i>, and Barry D. Van Veen, <i>Fellow, IEEE</i> Microwave Imaging via Space-Time Beamforming: Experimental Investigation of Tumor Detection in Multilayer Breast Phantoms IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, VOL. 52, NO. 8, AUGUST 2004</p> <p>Salvatore Caorsi, <i>Member, IEEE</i>, Andrea Massa, <i>Member, IEEE</i>, Matteo Pastorino, <i>Senior Member, IEEE</i>, and Andrea Rosani Microwave Medical Imaging: Potentialities and Limitations of a Stochastic Optimization Technique IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES, VOL. 52, NO. 8, AUGUST 2004</p>
<p>Inverse Problems suggested by Prof. Andrea Massa</p> <p>Assigned to Anna Martini</p> <p>Seminar on June, 24th at 12.00 a.m.</p>	<p>Tommaso Isernia, <i>Member, IEEE</i>, Vito Pascazio, <i>Member, IEEE</i>, and Rocco Pierri, <i>Member, IEEE</i> On the Local Minima in a Tomographic Imaging Technique IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, VOL. 39, NO. 7, JULY 2001</p> <p>Ovidio M. Bucci, <i>Fellow, IEEE</i>, Lorenzo Crocco, Tommaso Isernia, <i>Member, IEEE</i>, and Vito Pascazio, <i>Member, IEEE</i> Subsurface Inverse Scattering Problems: Quantifying Qualifying and Achieving the Available Information IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING, VOL. 39, NO. 11, NOVEMBER 2001</p> <p>Roger M. Dufour, Eric L. Miller, <i>Member, IEEE</i>, and Nikolas P. Galatsanos, <i>Senior Member, IEEE</i> Template Matching Based Object Recognition With Unknown Geometric Parameters IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 11, NO. 12, DECEMBER 2002</p> <p>Ralph Ferrayé, Jean-Yves Dauvignac, and Christian Pichot An Inverse Scattering Method Based on Contour Deformations by Means of a Level Set Method Using Frequency Hopping Technique IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 51, NO. 5, MAY 2003</p> <p>Aria Abubakar, <i>Member, IEEE</i>, Peter M. van den Berg, Tarek M. Habashy, <i>Fellow, IEEE</i>, and Henning Braunsch A Multiplicative Regularization Approach for Deblurring Problems IEEE TRANSACTIONS ON IMAGE PROCESSING, VOL. 13, NO. 11, NOVEMBER 2004</p>
<p>Optimization Techniques suggested by Prof. Andrea Massa</p> <p>assigned to Roberto Bruttomesso</p> <p>Seminar on June, 17th at 11.15 a.m.</p>	<p>Rady L. Haupt An Introduction to Genetic Algorithms for Electromagnetics</p> <p>Daniel S. Weile and Eric Michielssen, <i>Member, IEEE</i> Genetic Algorithm Optimization Applied to Electromagnetics: A Review IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 45, NO. 3, MARCH 1997</p> <p>Randy L. Haupt, <i>Senior Member, IEEE</i> Phase-Only Adaptive Nulling with a Genetic Algorithm IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 45, NO. 6, JUNE 1997</p> <p>Jacob Robinson and Yahya Rahmat-Samii, <i>Fellow, IEEE</i> Particle Swarm Optimization in Electromagnetics IEEE TRANSACTIONS ON ANTENNAS AND PROPAGATION, VOL. 52, NO. 2, FEBRUARY 2004</p>
<p>Multiple- Description Video Coding suggested by Prof. Francesco</p>	<p>Yao Wang, Reibman, A.R.; Shunan Lin Multiple description coding for video delivery Proceedings of the IEEE , Volume: 93 , Issue: 1 , Jan. 2005</p> <p>Yao Wang, Orchard, M.T.; Vaishampayan, V.; Reibman, A.R.</p>

<p>De Natale</p> <p>assigned to Nicola Conci</p> <p>Seminar on May, 20th at 12.00</p>	<p>Multiple description coding using pairwise correlating transforms Image Processing, IEEE Transactions on , Volume: 10 , Issue: 3 , March 2001 Pages:351 – 366</p> <p><i>Xuguang Yang; Ramchandran, K.</i> Optimal subband filter banks for multiple description coding Information Theory, IEEE Transactions on , Volume: 46 , Issue: 7 , Nov. 2000 Pages:2477 – 2490</p> <p><i>Xiaoyi Tang; Zakhor, A.</i> Matching pursuits multiple description coding for wireless video Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 12 , Issue: 6 , June 2002 Pages:566 – 575</p> <p><i>Wang, Y.; Reibman, A.R.; Orchard, M.T.; Jafarkhani, H.</i> An improvement to multiple description transform coding Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on] , Volume: 50 , Issue: 11 , Nov. 2002 Pages:2843 - 2854</p>
<p>Silicon Radiation Detectors suggested by prof. Gianfranco Dalla Betta</p>	<p><i>C. Fiorini, Member, IEEE, A. Longoni, F. Perotti, C. Labanti, E. Rossi, P. Lechner, H. Soltau, and Lothar Strüder</i> A Monolithic Array of Silicon Drift Detectors for High-Resolution Gamma-Ray Imaging IEEE TRANSACTIONS ON NUCLEAR SCIENCE, VOL. 49, NO. 3, JUNE 2002</p> <p><i>John Morse, Christopher J. Kenney, Edwin M. Westbrook, Istvan Naday And Sherwood I. Parker</i> The spatial and energy response of a 3d architecture silicon detector measured with a synchrotron X-ray microbeam Nuclear Instruments and Methods in Physics Research A 524 (2004)236 –244</p> <p><i>Valeri Saveliev</i> The recent development and study of silicon photomultiplier Nuclear Instruments and Methods in Physics Research A 535 (2004)528 –532</p> <p><i>R. Turchetta, J.D. Berst, B. Casadei, G. Claus, C. Colledani, W. Dulinski, Y. Hu, D. Husson, J.P. Le Normand, J.L. Riester, G. Deptuch, U. Goerlach, S. Higuere, M. Winter</i> A monolithic active pixel sensor for charged particle tracking and imaging using standard VLSI CMOS technology Nuclear Instruments and Methods in Physics Research A 458 (2001) 677}689</p> <p><i>N. Wermes, L. Andricek, P. Fischer, K. Heinzinger, S. Herrmann, M. Karagounis, R. Kohrs, H. Krüger, G. Lutz, P. Lechner, I. Peric, M. Porro, R. H. Richter, G. Schaller, M. Schnecke-Radau, F. Schopper, H. Soltau, L. Strüder, M. Trimpl, J. Ulrici, and J. Treis</i> New Results on DEPFET Pixel Detectors for Radiation Imaging and High Energy Particle Detection IEEE TRANSACTIONS ON NUCLEAR SCIENCE, VOL. 51, NO. 3, JUNE 2004</p>
<p>Logics for contexts suggested by dr. Luciano Serafini</p> <p>assigned to Heiko Stoermer</p> <p>Seminar on April, 29th at 10.30 a.m.</p>	<p><i>F. Giunchiglia</i> Contextual reasoning Epistemologia - Special Issue on I Linguaggi e le Macchine, XVI:345-364, 1993</p> <p><i>C. Ghidini and F. Giunchiglia</i> Local Model Semantics, or Contextual Reasoning = Locality + Compatibility Artificial Intelligence, 127(2):221-259, 2001</p> <p><i>L. Serafini and F. Giunchiglia</i> ML Systems: A Proof Theory for Contexts Journal of Logic, Language and Information Spring 2002, Volume 11, Issue 2 pp. 471-518</p> <p><i>F. Giunchiglia and P. Bouquet</i></p>

	<p>Introduction to Contextual Reasoning, an Artificial Intelligence Perspective in B. Kokinov, Perspectives on Cognitive Science, pages 138-159, New Bulgarian University, 1997</p> <p>Chiara Ghidini and Luciano Serafini Distributed First Order Logics In First International Workshop on Labelled Deduction [LD'98], 1998</p>
<p>Active Data Bases suggested by Prof. Fausto Giunchiglia</p> <p>assigned to Maria Luisa Guerriero</p> <p>Seminar on June, 10th at 12.00</p>	<p>Umeshwar Dayal, Eric N. Hanson, Jennifer Widom Active Database Systems http://citeseer.ist.psu.edu/dayal94active.html</p> <p>Alejandro P. Buchmann Architecture of Active Database Systems Active Rules in Database Systems 1999: 29-48</p> <p>S. Ceri and J. Widom Managing semantic heterogeneity with production rules and persistent queues IBM Research Report RJ 9064, IBM Almaden Research Center, October 1992</p> <p>R. Agrawal, R. Cochrane and B. Lindsay On maintaining priorities in a production rule system In Proceedings International Conference on Very Large Data Bases, pages 479-487, Barcelona, Spain, 1991</p> <p>A. Aiken, J. Widom, and J.M. Hellerstein Behavior of database production rules: Termination, confluence and observable determinism In Proceedings of the ACM SIGMOD International Conference on Management of Data, pages 59--66, San Diego, California, June 1992</p>
<p>Matching suggested by Prof. Fausto Giunchiglia</p> <p>assigned to Matteo Scoz</p> <p>Seminar on May, 13th At 12.00</p>	<p>Natalya F. Noy Semantic Integration: A Survey Of Ontology-Based Approaches</p> <p>Yannis Velegrakism, Ren´ ee J. Miller and John Mylopoulos Representing and Querying Data Transformations</p> <p>Robin Dhamankar, Yoonkyong Lee, AnHai Doan, Alon Halevy and Pedro Domingos iMAP: Discovering Complex Semantic Matches between Database Schemas</p> <p>Hong-Hai Do and Erhard Rahm COMA - A system for flexible combination of schema matching approaches</p> <p>Jayant Madhavan, Philip A. Bernstein and Erhard Rahm Generic Schema Matching with Cupid</p>
<p>Trust and reputation suggested by Prof. Fabio Massacci</p> <p>assigned to Alexander Birukou</p> <p>Seminar on May, 6th At 10.30 a.m.</p>	<p>Chrysanthos Dellarocas "Immuniting online reputation reporting systems against unfair ratings and discriminatory behavior" In Proceeding of the 2nd ACM conference on Electronic commerce Pages: 150 - 157 Year of Publication: 2000 url: http://portal.acm.org/citation.cfm?id=352889</p> <p>Damiani, E.; De Capitani Di Vimercati, S.; Paraboschi, S.; Samarati, P. "Managing and sharing servants' reputations in P2P systems" IEEE Transactions on Knowledge and Data Engineering Volume: 15 , Issue: 4 , July-Aug. 2003 Pages:840 - 854 url: http://ieeexplore.ieee.org</p> <p>Sepandar D. Kamvar, Mario T. Schlosser, Hector Garcia-Molina "The EigenTrust algorithm for reputation management in P2P networks" In Proceeding of WWW 2003: 640-651</p>

	<p>Sergio Marti, Hector Garcia-Molina "Identity Crisis: Anonymity vs. Reputation in P2P Systems" Peer-to-Peer Computing 2003: 134-141</p> <p>Tim Moreton and Andrew Twigg "Trading in Trust, Tokens, and Stamps" 1st Workshop on Economics of Peer-to-Peer Systems url: http://www.sims.berkeley.edu/research/conferences/p2pecon/papers/s2-moreton.pdf</p> <p>Aameek Singh, Ling Liu, "TrustMe: Anonymous Management of Trust Relationships in Decentralized P2P Systems" Proceedings of the third IEEE International Conference on P2P Computing, Linköping, Sweden, Sept, 2003 url: http://disl.cc.gatech.edu/TrustMe/</p> <p>Sonja Buchegger, Jean-Yves Le Boudec "A Robust Reputation System for P2P and Mobile Ad-hoc Networks" Proceedings of P2PEcon 2004, Harvard University, Cambridge MA, U.S.A., June 2004, pp. .</p> <p>R. Molva P. Michiardi "Core: A Collaborative Reputation Mechanism to Enforce Node Cooperation in Mobile Ad hoc Networks." In Communication and Multimedia Security, Portoroz, Slovenia, 2002. IEEE</p>
<p>SAT suggested by Prof. Roberto Sebastiani</p> <p>Assigned to K. Krishnamani</p> <p>Seminar on June, 24th at 11.15 a.m.</p> <p>Sensor Networks suggested by Prof. Fabio Massacci</p> <p>Assigned to Maxym Mykhalchuk</p> <p>Seminar on April, 29th at 11.15 a.m.</p>	<p>Lintao Zhang and Sharad Malik The quest for efficient boolean satisfiability solvers</p> <p>B.Selman, H.Kautz, and B.Cohen. Local Search Strategies for Satisfiability Testing</p> <p>Randall E. Bryant. {G}raph-{B}ased {A}lgorithms for {B}oolean {F}unction {M}anipulation</p> <p>D.Mitchell, B.Selman, and H.Levesque. {H}ard and {E}asy {D}istributions of {SAT} {P}roblems</p> <p>S.~Kirkpatrick and B.~Selman. Critical behaviour in the satisfiability of random Boolean expressions.</p> <p>Adrian Perrig, John Stankovic, David Wagner Wireless sensor networks: Security in wireless sensor networks Communications of the ACM, Volume 47 Issue 6, June 2004</p> <p>Deng, J., Han, R., and Mishra, S. A performance evaluation of intrusion tolerant routing in wireless sensor networks In Proceedings of the 2nd IEEE International Workshop on Information Processing in Sensor Networks (IPSN 2003) (Apr. 2003), 349–364.</p> <p>Eschenauer, L. and Gligor, V A key-management scheme for distributed sensor networks In Proceedings of the 9th ACM Conference on Computer and Communication Security (Washington, D.C., Nov.). ACM Press, New York, 2002, 41–47.</p> <p>Karlof, C. and Wagner, D. Secure routing in wireless sensor networks: Attacks and countermeasures. In Proceedings of the 1st IEEE International Workshop on Sensor Network Protocols and Applications (Anchorage, AK, May 11, 2003).</p> <p>Perrig, A., Szewczyk, R., Wen, V., Culler, D., and Tygar, J. SPINS: Security protocols for sensor networks J. Wireless Nets. 8, 5 (Sept. 2002), 521–534.</p>

	<p>Przydatek, B., Song, D., and Perrig, A. SIA: Secure information aggregation in sensor networks. In Proceedings of the 1st ACM International Conference on Embedded Networked Sensor Systems (SenSys 2003) (Los Angeles, Nov. 5–7). ACM Press, New York, 2003, 255–265.</p> <p>Wood, A., Stankovic, J., and Son, S. JAM: A mapping service for jammed regions in sensor networks In Proceedings of the IEEE Real-Time Systems Symposium (Cancun, Mexico, Dec. 3–5, 2003). RTSS 2003. 24th IEEE Pages:286 - 297</p> <p>Wood, A. and Stankovic, J. Denial of service in sensor networks IEEE Computer, Volume: 35, Issue: 10, Oct. 2002, Pages:54 - 62</p> <p>Newsome, J., Shi, E., Dawn Song, Adrian Perrig. The sybil attack in sensor networks: analysis & defenses. Proceedings of the third international symposium on Information processing in sensor networks (Berkeley, California, USA) Pages: 259 - 268 Year of Publication: 2004</p> <p>S. Zhu, S. Setia and S. Jajodia LEAP: Efficient Security Mechanisms for Large-Scale Distributed Sensor Networks Proceedings of the 10th ACM conference on Computer and communication security (Washington D.C., USA). Pages: 62 - 72 Year of Publication: 2003</p>
<p>Security engineering suggested by Prof. Fabio Massacci</p> <p>Assigned do Yudistira Dwi Wardhana Asnar</p> <p>Seminar on June 17th at 12.00</p>	<p>Ivan Flechais, M. Angela Sasse, Stephen M. V. Hailes Security engineering: Bringing security home: a process for developing secure and usable systems Proceedings of the 2003 workshop on New security paradigms</p> <p>Thuong Doan, Steven Demurjian, T. C. Ting, Andreas Ketterl MAC and UML for secure software design Proceedings of the 2004 ACM workshop on Formal methods in security engineering</p> <p>Monika Vetterling, Guido Wimmel, Alexander Wisspeintner Secure systems development based on the common criteria: the PALME project Proceedings of the 10th ACM SIGSOFT symposium on Foundations of software engineering</p> <p>A. Toval, A. Olmos, M. Piattini Legal requirements reuse: a critical success factor for requirements quality and personal data protection Proceedings of the IEEE Joint International Conference on Requirements Engineering, 2002</p> <p>M.E. Shin, Gail-Joon Ahn UML-based representation of role-based access control Proceedings of the 2000 IEEE International Workshops on Enabling Technologies: Infrastructure for Collaborative</p> <p>K.Md. Khan, Jun Han A security characterisation framework for trustworthy component based software systems Proceedings of the 27th Annual International Computer Software and Applications Conference</p> <p>T. Srivatanakul, J. A. Clark, F. Polack Effective security requirements analysis: HAZOP and use cases Proceedings of the 7th International Conference on Information Security:</p> <p>Guttorm Sindre, Donald G. Firesmith, Andreas L. Opdahl A Reuse-Based Approach to Determining Security Requirements Proceedings of the 9th International Workshop on Requirements Engineering: Foundation for Software Quality</p>

<p>Digital libraries suggested by dr. Maurizio Marchese</p> <p>assigned to Nicola Poletini</p> <p>Seminar on May, 13th At 10.30 a.m.</p>	<p>[1] S. Lawrence, C. Lee Giles, K. Bollacker Digital Libraries and Autonomous Citation Indexing IEEE Computer, Volume 32, Number 6, pp. 67-71, 1999.</p> <p>[2] H. Han, C. Lee Giles, E. Manavoglu, H. Zha, Z. Zhang, E. A. Fox Automatic Document Metadata Extraction using Support Vector Machines Proceedings of the 2003 Joint Conference on Digital Libraries (JCDL'03), 2003.</p> <p>[3] A. McCallum, D. Freitag, F. Pereira Maximum entropy Markov models for information extraction and segmentation Proceedings of the 17th International Conference on Machine Learning, pages 591-598, 2000.</p> <p>[4] H. L. Chieu, H. T. Ng. A maximum entropy approach to information extraction from semi-structured and free text Proceedings 18th National Conference on Artificial Intelligence (AAAI 2002), pages 786-791, 2002.</p> <p>[5] T. Joachims A statistical learning model of text classification with Support Vector Machines In W. B. Croft, D. J. Harper, D. H. Kraft, and J. Zobel, editors, Proc. SIGIR-01, 24th ACM International Conference on Research and Development in Information Retrieval, pages 128-136, 2001</p>
<p>Securing SIP suggested by Prof. Fabio Massacci</p>	<p>M. Baugher, D. McGrew, M. Naslund, E. Carrara, K. Norrman The Secure Real-time Transport Protocol (SRTP) March 2004 Available from www.ietf.org</p> <p>J. Arkko, E. Carrara, F. Lindholm, M. Naslund, K. Norrman MIKEY: Multimedia Internet KEYing August 2004 Available from: http://vfv.it.kth.se/docs/Reports/DEGREE-PROJECT-REPORTS/030626-Israel_Abad_Caballero-final-report.pdf</p> <p>Israel M. Abad Caballero Secure Mobile Voice over IP Master of Science Thesis, Dept. of Microelectronics and Information Technology (IMIT), Royal Institute of Technology (KTH) June 2003</p>
<p>e-voting suggested by Prof. Fabio Massacci</p> <p>assigned to Annapaola Marconi</p> <p>Seminar on June, 16th At 2.30 p.m</p>	<p>David Jefferson, Aviel D. Rubin, Barbara Simons, David Wagner Analyzing Internet Voting Security Communications of the ACM (October, 2004).</p> <p>Aviel D. Rubin Security Considerations for Remote Electronic Voting Communications of the ACM (December, 2002).</p> <p>Ronald Cramer, Matthew Franklin, Berry Schoenmakers, and Moti Yung Multi-Authority Secret-Ballot Elections with Linear Work In Advances in Cryptology-EUROCRYPT'96, volume 1070 of Lecture Notes in Computer Science, pages 72-83, Berlin, 1996. Springer-Verlag.</p> <p>Ronald Cramer, Rosario Genaro, and Berry Schoenmakers A Secure and Optimally Efficient Multi-Authority Election Scheme In Advances in Cryptology-EUROCRYPT'97, volume 1233 of Lecture Notes in Computer Science, pages 103-118, Berlin, 1997. Springer-Verlag. Journal version appears in European Transactions on Telecommunications 8 (September-October 1997) 481-490.</p>
<p>Anonymous credentials suggested by Prof. Fabio Massacci</p>	<p>Adam Back, Ulf Möller and Anton Stiglic Traffic Analysis Attacks and Trade-Offs in Anonymity Providing systems Information Hiding 2001 http://www.cypherspace.org/adam/pubs/traffic.pdf</p>

<p>Assigned to Roberto Riggio</p> <p>Seminar on July, 1st at 11.15 a.m</p>	<p>Laurent Bussard, Refik Molva, One-Time Capabilities for Authorizations without Trust Institut Eurécom, France Second IEEE International Conference on Pervasive Computing and Communications (PerCom'04) March 14 - 17, 2004 Orlando, Florida</p> <p>Jan Camenisch, Els Van Herreweghen Design and Implementation of the Idemix Anonymous Credential System Research Report RZ 3419, IBM Research Division, June 2002. Also appeared in ACM Computer and Communication Security 2002</p> <p>Laurent Bussard, Yves Roudier, Refik Molva Untraceable Secret Credentials: Trust Establishment with Privacy Institut Eurécom, France Second IEEE International Conference on Pervasive Computing and Communications (PerCom'04) March 14 - 17, 2004 Orlando, Florida</p> <p>David Chaum Security Without Identification: Transaction Systems to Make Big Brother Obsolete Commun. ACM 28(10): 1030-1044 (1985)</p> <p>Josyula R. Rao and Pankaj Rohatgi Can Pseudonymity Really Guarantee Privacy? April 19, 2000. Proceedings of the Ninth USENIX Security Symposium, 2000 http://www.research.ibm.com/intsec/privacy-paper.ps</p>
<p>Hash functions and verification suggested by Prof. Fabio Massacci</p> <p>Assigned to Harshit Shah</p> <p>Seminar on June, 10th at 11.15 a.m</p>	<p>Robert Johnson and David Molnar and Dawn Xiaodong Song and David Wagner Homomorphic Signature Schemes citeseer.ist.psu.edu/johnson02homomorphic.html</p> <p>Silvio Micali and Ronald L. Rivest Transitive Signature Schemes citeseer.ist.psu.edu/micali02transitive.html</p> <p>Maxwell N. Krohn, Michael J. Freedman and David Mazieres On-the-Fly Verification of Rateless Erasure Codes citeseer.ist.psu.edu/695993.html</p>
<p>Testing Evaluation suggested by Prof. Fausto Giunchiglia</p> <p>Assign to G. R. Gangadharan</p> <p>Seminar on June, 30th at 11.00 a.m</p>	<p>Fausto Giunchiglia and Roberto Sebastiani Building decision procedures for modal logics from propositional decision procedures: the case study of modal K(m) Information and computation, vol. 162, 2000: 158-178</p> <p>T. Saracevic Evaluation of evaluation in information retrieval In proceedings of the 18th ACM SIGIR conference</p> <p>Hersh, WR, Pentecost, J., Hickam, D. Towards New Measures of Information Retrieval Evaluation Proceedings of ACM/SIGIR '95. 164-170.</p> <p>Yuri Kagolovsky, Jochen R. Moehr Current Status of the Evaluation of Information Retrieval Journal of Medical Systems Volume 27, Issue 5, pages 409 - 424, October 2003</p> <p>ChengXiang Zhai, William W. Cohen, John Lafferty Beyond independent relevance: methods and evaluation metrics for subtopic retrieval In Proceedings of the 26th annual international ACM SIGIR conference</p>
<p>Ontologies</p>	<p>Michael Uschold (Boeing Phantom Works, Seattle, WA) and Michael Gruninger (University of</p>

<p>suggested by Prof. Fausto Giunchiglia</p> <p>Assigned to Robert Trypuz</p> <p>Seminar on June, 17th At 10.30 a.m</p>	<p>Maryland, College Park, MD) Ontologies and semantics for seamless connectivity http://portal.acm.org/citation.cfm?id=1041410.1041420</p> <p>Paolo Bouquet, Fausto Giunchiglia, Frank van Harmelen, Luciano Serafini and Heiner Stuckenschmidt Contextualizing ontologies http://www.cs.vu.nl/~heiner/public/JWS-Cowl.pdf</p> <p>Ian Horrocks, Peter F. Patel-Schneider and Frank van Harmelen From SHIQ and RDF to OWL: the Making of a Web Ontology Language http://www-db.research.bell-labs.com/user/pfps/publications/to-owl.pdf</p> <p>Nicola Guarino and Christopher A. Welty An Overview of OntoClean http://www.loa-cnr.it/Papers/GuarinoWeltyOntoCleanv3.pdf</p>
<p>Heuristic algorithms suggested by dr. Mauro Brunato</p> <p>Assigned to Natallia Kokash</p> <p>Seminar on June, 24th at 10.30</p>	<p>Shaoning Pang, Daijin Kim, and Sung Yang Bang Face Membership Authentication Using SVM Classification Tree Generated by Membership-Based LLE Data Partition IEEE Transactions on Neural Networks, vol. 16, no 2, March 2005</p> <p>Jean-Charles Créput, Abderrafaa Koukam, Thomas Lissajoux, and Alexandre Caminada Automatic Mesh Generation for Mobile Network Dimensioning Using Evolutionary Approach IEEE Transactions on Evolutionary Computation, vol. 9, no. 1, February 2005.</p> <p>Federico Divina and Elena Marchiori Handling Continuous Attributes in an Evolutionary Inductive Learner IEEE Transactions on Evolutionary Computation, vol. 9, no. 1, February 2005.</p> <p>Xiang Wu, Bayan S. Sharif, and Oliver R. Hinton An Improved Resource Allocation Scheme for Plane Cover Multiple Access Using Genetic Algorithm IEEE Transactions on Evolutionary Computation, vol. 9, no. 1, February 2005.</p> <p>Zhe Xiang, Qian Zhang, Wenwu Zhu, Zhensheng Zhang, and Ya-Qin Zhang Peer-to-Peer Based Multimedia Distribution Service IEEE Transactions on Multimedia, vol. 6, no. 2, April 2004</p>
<p>Location and context awareness suggested by dr. Mauro Brunato</p>	<p>Mauro Brunato, Roberto Battiti Statistical Learning Theory for Location Fingerprinting in Wireless LANs Computer Networks, vol. 47, no. 6, 2005, pages 825-845</p> <p>Yunhao Liu, Li Xiao, Xiaomei Liu, Lionel M. Ni, and Xiaodong Zhang Location Awareness in Unstructured Peer-to-Peer Systems IEEE Transactions on Parallel and Distributed Systems, vol. 16, no. 2, February 2005</p> <p>Nicola Blefari Melazzi The Simplicity Project: Improving Ease of Use and Personalization of ICT Services IEEE/IFIP Wireless On-demand Network System (WONS) 2005 Proceedings</p> <p>Xin Yan Zhang, Qian Zhang, Zhensheng Zhang, Gang Song, and Wenwu Zhu A Construction of Locality-Aware Overlay Network: mOverlay and Its Performance IEEE Journal on Selected Areas in Communications, vol. 22, no. 1, January 2004</p> <p>Theo G. Kanter HotTown, Enabling Context-Aware and Extensible Mobile Interactive Spaces IEEE Wireless Communications, October 2002</p>
<p>GAIA suggested by dr. Angelo Susi</p>	<p>Luca Cernuzzi, Franco Zambonelli Experiencing AUML in the GAIA Methodology ICEIS (3) 2004: 283-288</p>

<p>Assigned to Anton Bryl</p> <p>Seminar on May, 20th at 11.15 a.m.</p>	<p>F. Zambonelli, N. R. Jennings, A. Omicini and M. Wooldridge (2001) Agent-Oriented Software Engineering for Internet Applications In Coordination of Internet Agents (eds. A. Omicini, F. Zambonelli, M. Klusch and R. Tolksdorf) Springer Verlag, 326-346.</p> <p>Carole Bernon, Massimo Cossentino, Marie Pierre Gleizes, Paolo Turci, Franco Zambonelli A Study of Some Multi-agent Meta-models AOSE 2004: 62-77</p> <p>L. Padgham and M. Winikoff. Prometheus A Methodology for Developing Intelligent Agents In Giunchiglia et al. in F. Giunchiglia, J. Odell, and G. Weiß, editors. Agent-Oriented Software Engineering III, LNCS. Springer Verlag, Bologna, Italy, Third International Workshop, AOSE2002 edition, July 2002.</p>
<p>TROPOS suggested by dr. Angelo Susi</p> <p>Assigned to Luiz Olavo Bonino</p> <p>Seminar on June, 23rd at 11.45 a.m.</p>	<p>J. Mylopoulos and J. Castro. Tropos A Framework for Requirements-Driven Software Development In J. Brinkkemper and A. Solvberg (eds.), Information Systems Engineering: State of the Art and Research Themes, Lecture Notes in Computer Science, Springer-Verlag, p. 261-273, June 2000</p> <p>J. Castro, M. Kolp and J. Mylopoulos Towards Requirements-Driven Information Systems Engineering: The Tropos Project To appear in Information Systems, Elsevier, Amsterdam, The Netherlands, 2002.</p> <p>A. Fuxman, L. Liu, M. Pistore, M. Roveri and J. Mylopoulos Specifying and Analyzing Early Requirements: Some Experimental Results Accepted for publication in RE-2003, the 11th IEEE International Requirements Engineering Conference, 8th-12th September 2003, Monterey Bay, California U.S.A.</p> <p>P. Giorgini, E. Nicchiarelli, J. Mylopoulos, R. Sebastiani Formal Reasoning Techniques for Goal Models Journal of Data Semantics. Springer, LNCS 2800 - Journal Subline, 2004.</p> <p>P. Giorgini, F. Massacci, J. Mylopoulos and N. Zannone Requirements Engineering meets Trust Management: Model, Methodology, and Reasoning In Proceedings of the Second International Conference on Trust Management (iTrust 2004), Oxford, UK, March 29 - April 1, 2004.</p>
<p>QoS support in 802.11 Networks suggested by prof. Renato Lo Cigno</p>	<p>Q. Ni, L. Romdhani and T. Turetli A Survey of QoS Enhancements for IEEE 802.11 wireless LAN Journal of Wireless Communications and Mobile Computing, Vol.4, 2004, pp. 547-566, Wiley Interscience</p> <p>S. Mangold, S. Choi and G. R. Hiertz Analysis of IEEE 802.11e for QoS Support in Wireless LANs IEEE Wireless Communications, Dec. 2003, pp. 40-50</p> <p>I. Aad and C. Castelluccia Priorities in WLANs Computer Networks, Vol. 41, 2003, pp.505{526, Elsevier Science</p> <p>Z. Kong, D. H. K. Tsang, B. Bensaou and D. Gao Performance Analysis of IEEE 802.11e Contention-Based Channel Access IEEE Journal on Selected Areas in Communications, Vol. 22, No. 10, pp. 2095{2106, Dec. 2004</p> <p>Y. Xiao and H. Li Voice and video transmissions with global data parameter control for the IEEE 802.11e enhance distributed channel access IEEE Trans. on Parallel and Distributed Systems, pp. 1041{1053, 2004</p>
<p>Performance Modeling of End-</p>	<p>J. Padhye, V. Firoiu, D. Towsley, and J. Kurose Modeling TCP Reno Performance: A Simple Model and its Empirical Validation</p>

<p>to-End Protocols: The TCP case, from Empiric, to Markovian Models and Beyond suggested by prof. Renato Lo Cigno</p> <p>Assigned to Olga Zadedyurina</p> <p>Seminar on July, 1st at 12.00</p>	<p>IEEE/ACM Transactions on Networking, 8(2):133{145, April 2000</p> <p>M. Garetto, R. Lo Cigno, M. Meo, M. Ajmone Marsan Closed Queuing Network Models of Interacting Long-Lived TCP Flows IEEE/ACM Transactions on Networking, Vol. 12, No. 2, pp. 300{313, Apr. 2004</p> <p>M. Garetto, R. Lo Cigno, M. Meo, E. Alessio, M. Ajmone Marsan Modeling Short-Lived TCP Connections with Open Multiclass Queuing Networks Computer Networks, Vol. 44, No. 2, pp. 153{176, Feb. 2004, Elsevier Science</p> <p>V. Mishra, W. B. Gong, D. Towsley Fluid-based Analysis of a Network of AQM Routers Supporting TCP Flows with and application to RED Proc. of ACM SIGCOMM 2000, Aug. 28{Sept. 1 2000, Stockholm, Sweden.</p> <p>M. Ajmone Marsan, M. Garetto, P. Giaccone, E. Leonardi, ESchiattarella, A. Tarello Using Partial Differential Equations to Model TCP Mice and Elephants in Large IP Networks IEEE Transactions on Networking, in press</p>
<p>Graph Mining suggested by dr. Enrico Blanzieri</p> <p>Assigned to Tariq Mahmood</p> <p>Seminar on June, 16th at 4 p.m.</p>	<p>Jun Huan, Wei Wang, Jan Prins and Jiong Yang SPIN: Mining Maximal Frequent Subgraphs from Graph Databases</p> <p>Tamás Horváth, Thomas Gärtner and Stefan Wrobel Cyclic Pattern Kernels for Predictive Graph Mining</p> <p>Chen Wan, Wei Wan, Jian PeiYongtai Zh and Baile Sh Scalable Mining of Large Disk-based Graph Databases</p> <p>Ulrich Rückert and Stefan Kramer Frequent Free Tree Discovery in Graph Data</p> <p>Glen Jeh and Jennifer Widom Mining the Space of Graph Properties</p> <p>Moti Cohen and Ehud Gudes Diagonally Subgraphs Pattern Mining</p>
<p>FPGA: a reconfigurable computing paradigm suggested by dr. Andrea Boni</p> <p>Assigned to Michele Gubian</p> <p>Seminar on June, 23rd at 12.00</p>	<p>Brandon Blodget, Philip James-Roxby, Eric Keller, Scott McMillan and Prasanna Sundararajan A Self-reconfiguring Platform</p> <p>Reiner Hartenstein Reconfigurable Computing: a new business Model – and its impact on SoC Design</p> <p><i>André DeHon</i> California Institute of Technology The Density Advantage of Configurable Computing</p> <p>Ewerson Carvalho, Eduardo Briao, Leandro Möller, Frederico Möller, Fernando Moraes, Ney Calazans Controllino Configurations on Dynamic Reconfigurable Systems</p> <p>Kiran Bondalapati and Viktor K. Prasanna, Fellow, IEEE Reconfigurable Computing Systems</p>
<p>Real-Time Scheduling suggested by prof. Luigi Palopoli</p> <p>Assigned to Laurens van</p>	<p>C. L. Liu and J. Layland Scheduling algorithms for multiprogramming in a hard real-time environment Journal of the ACM</p> <p>Lui Sha and Ragnathan Rajkumar and John P. Lehoczky Priority Inheritance Protocols: An Approach to Real-Time Synchronization IEEE Transactions on Computers</p> <p>T. P. Baker</p>

<p>der Werff</p> <p>Seminar on June, 30th at 11.45 a.m.</p>	<p>A Stack-Based Allocation Policy for Realtime Processes Proceedings of the IEEE Real Time Systems Symposium</p> <p>S.K. Baruah and N.K. Cohen and C.G. Plaxton and D.A. Varvel Proportionate Progress: A Notion of Fairness in Resource Allocation Algorithmica</p> <p>Luca Abeni and Giorgio Buttazzo Integrating Multimedia Applications in Hard Real-Time Systems Proceedings of the IEEE Real-Time Systems Symposium</p>
<p>Embedded Systems Design suggested by prof. Luigi Palopoli</p> <p>Assigned to Neeraj Tripathi</p> <p>Seminar on July, 22nd at 11.15 a.m.</p>	<p>David Harel and Amnon Naamad The STATEMATE Semantics of Statecharts ACM Transactions on Software Engineering and Methodology</p> <p>Joseph Buck, Soonhoi Ha, Edward A. Lee and David G. Messerschmitt Ptolemy: A Framework for Simulating and Prototyping Heterogeneous Systems Int. Journal in Computer Simulation</p> <p>Gérard Berry The Foundations of Esterel Language and Interaction: Essays in Honour of Robin Milner</p> <p>E. Lee and A. Sangiovanni-Vincentelli A Unified Framework for Comparing Models of Computation IEEE Trans. on Computer Aided Design of Integrated Circuits and Systems, Vol. 17, N. 12, pp. 1217-1229, December 1998</p> <p>R. Alur, C. Courcoubetis, N. Halbwachs, T.A. Henzinger, P.-H. Ho, X. Nicollin, A. Olivero, J. Sifakis and S. Yovine The Algorithmic Analysis of Hybrid Systems Theoretical Computer Science, 1995</p>
<p>Surface modeling based on sketch Suggested by dr. Raffaele De Amicis</p>	<p>Robert D.Kalnins, Lee Markosian, Barbara J.Meier, Michael A.Kowalski, Joseph C.Lee, Philip L.Davidson, Matthew Webb, John F.Hughes and Adam Finkelstein WYSIWYG NPR: Drawing Strokes Directly on 3D Models</p> <p>Manuel Oliveira, Vladimiro Colaço, Joaquim Jorge and Manuel Fonseca Modeling Solids and Surfaces with Sketches: an Empirical Evaluation Departamento de Engenharia Informática, IST/UTL Av. Rovisco Pais, 1049-001 Lisboa, Portugal</p> <p>Paul Michalik, Dae Hyun Kim and Beat D. Bruderlin Sketch- and Constraint-based Design of B-spline Surfaces Computer Graphics Group, Dept. of CS Technical University of Ilmenau, Germany</p>
<p>Free form deformation Suggested by dr. Raffaele De Amicis</p>	<p>V. Cheutet, C.E. Catalano, J.P. Pernot, B. Falcidieno, F. Giannini and J.C. Leon 3D Sketching with Fully Free Form Deformation Features for Aesthetic Design EUROGRAPHICS Workshop on Sketch-Based Interfaces and Modeling (2004)</p> <p>Xiaogang Jin and Qunsheng Peng General Constrained Deformations Based on Generalized Metaballs</p> <p>Jean-Philippe Pernot, Stephane Guillet, Jean-Claude Leon, Franca Giannini, Chiara Eva Catalano and Bianca Falcidieno A shape Deformation Tool to Model Character Lines in the Early Design Phases</p> <p>J. M. Zheng, K.W. Chan and I. Gibson Surface Feature Constraint Deformation for Free-form Surface and Interactive Design</p> <p>Xiaoping Wang, Zhenglin Ye, Yaqin Meng and Hongda Li Space Deformation of Parametric Surface Based on Extension Function <i>International Journal of CAD/CAM Vol. 1, No. 1, pp. 23-32 (2002)</i></p>
<p>Databases Suggested by dr.</p>	<p>Bruce Blackwell, Siva Ravada Oracle's technology for bioinformatics and future directions</p>

<p>Paola Quaglia</p>	<p>January 2003 Proceedings of the First Asia-Pacific bioinformatics conference on Bioinformatics 2003 - Volume 19</p> <p>Ela Hunt, Malcolm P. Atkinson, Robert W. Irving Database indexing for large DNA and protein sequence collections November 2002 The VLDB Journal The International Journal on Very Large Data Bases, Volume 11 Issue 3</p> <p>L. Krishnamurthy, J. Nadeau, G. Ozsoyoglu, M. Ozsoyoglu, G. Schaeffer, M. Tasan, W. Xu Pathways database system: an integrated set of tools for biological pathways March 2003 Proceedings of the 2003 ACM symposium on Applied computing</p> <p><i>Wong, R.K. and Shui, W.M.</i> Utilizing multiple bioinformatics information sources: an XML database approach Bioinformatics and Bioengineering Conference, 2001. Proceedings of the IEEE 2nd International Symposium on , 4-6 Nov. 2001 Pages:73 – 80</p> <p>Kamal Kumar, Mathew J. Palakal, Snehasis Mukhopadhyay, Mathew J. Stephens, Huian Li BioMap: toward the development of a knowledge base of biomedical literature March 2004 Proceedings of the 2004 ACM symposium on Applied computing</p>
<p>Web & Mining Suggested by dr. Paola Quaglia</p> <p>Assigned to Carlos Bilich</p> <p>Seminar on July, 22nd at 10.30 a.m.</p>	<p>Patrick Lambrix and Vaida Jakoniene Towards transparent access to multiple biological databanks January 2003 Proceedings of the First Asia-Pacific bioinformatics conference on Bioinformatics 2003 - Volume 19</p> <p>Francisco M. Couto, Bruno Martins and Mário J. Silva Classifying biological articles using web resources March 2004 Proceedings of the 2004 ACM symposium on Applied computing</p> <p>Hsiao Ping Lee, Yin Te Tsai and Chuan Yi Tang A seriate coverage filtration approach for homology search March 2004 Proceedings of the 2004 ACM symposium on Applied computing</p> <p>Chun Tang and Aidong Zhang Mining multiple phenotype structures underlying gene expression profiles November 2003 Proceedings of the twelfth international conference on Information and knowledge management</p> <p>David Buttler, Matthew Coleman, Terence Critchlow, Renato Fileto, Wei Han, Calton Pu, Daniel Rocco and Li Xiong Querying multiple bioinformatics information sources: can semantic web research help? December 2002 ACM SIGMOD Record, Volume 31 Issue 4</p>