

Curriculum Vitae

Cognome: Santa
Nome: Ulrich
Titolo accademico: Dr. nat. tech., Dipl.-Ing.
Indirizzo: Via Kaltegg 48
I-39040 Montagna
Data di nascita: 03.06.1970
Luogo di nascita: Bolzano (BZ)
Cittadinanza: italiana
Stato civile: coniugato, due figli
Lingue: tedesco, italiano, inglese
Patente di guida: categoria B



Istruzione e formazione

1976 - 1981 Scuola elementare, Monte San Pietro (BZ)
1981 - 1984 Scuola media, Nova Ponente (BZ)
1984 - 1989 Istituto Tecnico Commerciale "Heinrich Kunter", indirizzo ragioniere programmatore, Bolzano
1989 - 1996 Ingegneria d'informatica, Università tecnica di Vienna, Austria, Dipl.-Ing.
1998 - 2004 Dottorato di ricerca, Università BOKU, Vienna, Austria, Dr. nat. tech.

Premi e Riconoscimenti

Premio Klaus Fischer - Innovationspreis für Technik und Umwelt 2005, Università BOKU di Vienna, (A)

Esperienza lavorativa

1989 - 1995 vari contratti a progetto, programmazione e sviluppo software, Vienna (A)
Estate 1994 Federazione cooperative Raiffeisen, Via Raiffeisen 2, I-39100 Bolzano, Italia
amministrazione rete e sviluppo software, centro elaborazioni dati, reparto telematica
Estate 1995 Federazione cooperative Raiffeisen, Via Raiffeisen 2, I-39100 Bolzano, Italia
amministrazione rete e sviluppo software, centro elaborazioni dati, reparto telematica
1996 - 2005 Institut für Konstruktiven Ingenieurbau, Peter-Jordan-Str. 82, A-1190 Vienna, Austria
assistente di ricerca, attività di docenza, collaboratore scientifico nel laboratorio prove materiali e
nell'ambito del monitoraggio strutturale, responsabile CED fino al 1999
1997 - 1999 Yellow Fish Ges.m.b.H., Hochsatzengasse 34/2, A-1140 Vienna, Austria
collaborazione a progetto, sviluppo software applicativi per l'ambito d'ingegneria civile
1998 - 2001 Autostrada del Brennero S.p.A., Via Berlino 10, I-38100 Trento, Italia
collaborazione coordinata e continuativa nel campo del monitoraggio strutturale
Dal 2001 "Santa Automation Instruments", impresa individuale, sviluppo software e soluzioni di
automazione, applicazioni nell'ambito della domotica e di misurazione, regolazione e controllo.
2005 - 2012 Autostrada del Brennero S.p.A., Via Berlino 10, I-38100 Trento, Italia
responsabile ICT (CIO) e coordinatore dei servizi „Sistemi Informatici e Telematici”,
“Telecomunicazioni” e “Impianti Tecnici”
Dal 2012 Agenzia per l'Energia Alto Adige – CasaClima, Direttore, ente pubblico e soggetto leader a livello
nazionale nell'ambito dell'efficienza energetica e dell'edilizia sostenibile: certificazione,
formazione, ricerca e sviluppo

Attività di docenza

- 2002 - 2005 diversi incarichi d'insegnamento presso l'università BOKU di Vienna:
- VO Objektorientierte Programmierung im konstruktiven Ingenieurbau (corso di programmazione orientata agli oggetti)
 - VO Ausgewählte Kapitel aus dem Konstruktiven Ingenieurbau (corsi di specializzazione nell'ambito dell'ingegneria strutturale)
 - VO Baustoffkunde und Materialpruefung (scienza dei materiali e prove di laboratorio)
 - VU Computational Mechanics

Collaborazione in progetti di ricerca internazionali

- 2001 - 2006 CORVETTE - Coordination and validation of the deployment of advanced transport telematics systems in the alpine area, Multiannual Indicative Programme (MIP) - Group 4: Deployment of Intelligent Transport Systems for road.
- 2002 - 2006 UPTUN - Upgrading of Existing Tunnels, 5th Framework Programme by the European Commission, Key Action Innovative Products, Processes and Organisation.
- 2006 - 2010 COOPERS - Co-operative Networks for Intelligent Road Safety, 6th Framework Programme by the European Commission - Information Society Technologies.
- 2007 - 2009 EASYWAY - Intelligent Transport Systems (ITS), 7th Framework Programme, TENT programme (Trans-European Network for Transport)
- 2011 - 2012 DRIVE C2X - DRIVING implementation and Evaluation of C2X communication technology in Europe, 7th Framework Programme, ICT for Mobility of the Future.
- Dal 2013 RADCARPET - Radiant heating wall-to-wall carpet for energy efficiency space heating of existing non-residential buildings, 7th Framework Programme, SME-2013-1 Research for SMEs
- Dal 2014 Smart INitiative of cities Fully committed to iNvest In Advanced large-scaled energy solutions, 7th Framework Programme, FP-SMARTCITY-2013

Corsi di formazione e specializzazione

- 2012 ISO/IEC 20000 Foundation, Munich Institute for IT Service Management
- 2011 Responsabilità amministrativa delle società, modelli di organizzazione, gestione e controllo - D.lgs. N. 231 del 8 giugno 2001.
- 2011 BS OHSAS 18001 - Sistema di gestione della Sicurezza e della Salute dei Lavoratori.
- 2010 Corso di aggiornamento legislativo in campo ambientale e gestione degli adempimenti.
- 2010 Il Dirigente Prevenzionistico e il Preposto nel sistema di Prevenzione Aziendale.
- 2010 Protezione dei lavoratori dai rischi di esposizione a radiazioni ottiche artificiali. Capo V del D.lgs. n 81 del 9 Aprile 2008.
- 2009 Corso di formazione giuridica in materia di Contratti Pubblici: attività amministrativa, affidamento ed esecuzione del contratto – D.lgs. n. 163 del 12 aprile 2006.
- 2009 Decreto Legislativo 9 aprile 2008, n. 81 - Testo Unico in materia di tutela della salute e della sicurezza nei luoghi di lavoro.
- 2008 Protezione dei lavoratori dai rischi di esposizione a campi elettromagnetici. Capo IV/Titolo VIII del D.lgs. n. 81 del 9 Aprile 2008.
- 2006 Il Testo Unico Ambientale - D.lgs. n. 152 del 3 aprile 2006.
- 2006 Sicurezza sui luoghi di lavoro - D.lgs. n. 626 del 19 settembre 1994.
- 2005 Privacy e Protezione dei Dati Personali – Legge 31 dicembre 1996 n. 675 e D. lgs. 30 giugno 2003 n. 196.

Pubblicazioni

1. **Santa, U.**, 1996: DynaFLIP++: Dynamically adapted constraints for fuzzy multiple criteria optimization. Diplomarbeit (master's thesis), Technical University of Vienna, Vienna, Austria
2. **Santa, U., Slany, W., Younes, M.**, 1996: *FLIP++: A partial constraint satisfaction system for steelmaking scheduling. In Marc Wallace, editor, Proceedings of the Second International Conference on the Practical Applications of Constraint Technology (PACT'96): Scheduling, Resource Allocation, Planning, Configuration, pages 211-220, London, UK
3. **Santa, U.**, 1997: Fuzzy Constraint Satisfaction. Veröffentlichungen des Instituts f. Konstruktiven Ingenieurbau, Heft 32, im Eigenverlag des Instituts, Universität für Bodenkultur Wien
4. **Santa, U., Bergmeister, K.**, 1998: Implementation Issues of a PC-Based Laboratory Test and Measurement Equipment. In: Balázs, G.L. (Ed.): Proceedings of 2nd International PhD Symposium in Civil Engineering, August 26-28, 1998, Technical University of Budapest, pp. 151-159, ISBN 963-420-560-7, Budapest, Hungary
5. **Santa, U., Unterweger, R.**, 1998: Konstruktion einer einaxialen Prüfmaschine für Zug- und Druckversuche und Entwicklung einer geeigneten Instrumentierungssoftware. Veröffentlichungen des Instituts f. Konstruktiven Ingenieurbau, Heft 37, "Festschrift Friedrich Cerny 75 Jahre", im Eigenverlag des Instituts, Universität für Bodenkultur, Wien, Österreich
6. **Santa, U.**, 1998: Instrumentation of a Laboratory Test and Measurement Equipment. Veröffentlichungen des Instituts f. Konstruktiven Ingenieurbau, Heft 37, "Festschrift Friedrich Cerny 75 Jahre", im Eigenverlag des Instituts, Universität für Bodenkultur, Wien, Österreich
7. **Bergmeister, K., Santa, U.**, 1999: A Global Monitoring Concept for Bridges. In: Institut f. Konstruktiven Ingenieurbau (Ed.): Proceedings of fib TG Workshop, 12.-13. Februar 1999: Safety and Performance Concepts/Monitoring and Safety Evaluation. Heft 40, im Eigenverlag. Februar 1999, Wien
8. **Santa, U., Bergmeister, K.**, 1999: Impementation Issues of a Remote Bridge Monitoring System. In: Institut f. Konstruktiven Ingenieurbau (Ed.): Proceedings of fib TG Workshop, 12.-13. Februar 1999: Safety and Performance Concepts/Monitoring and Safety Evaluation. Heft 40, im Eigenverlag. Februar 1999, Wien
9. **Santa, U., Vergeiner, J.**, 1999: Entwicklung eines Road-Evaluation-Systems in Verbindung mit GPS-Positionierungen. VGI, Österreichische Zeitschrift für Vermessung und Geoinformation, Jahrgang 87, Heft 2 und 3, S. 143-149, Wien, Österreich, ISSN 0029-9650
10. **Santa, U., Bergmeister, K.**, 2000: Global Monitoring Concepts for Bridges. SPIE's 5th International Symposium on Nondestructive Evaluation and Health Monitoring of Aging Infrastructure. New Port Beach, CA
11. **Bergmeister, K., Santa, U.**, 2000: Instrumentation and Data Acquisition Techniques in Structural Health Monitoring. International Workshop on the Present and Future in Health Monitoring, September 3rd-6th, 2000, Aedificatio Publishers, pp.-237-260, ISBN 3-931681-50-5, Bauhaus-University Weimar, Germany
12. **Santa, U., Bergmeister, K.**, 2000: Techniques for the Acquisition, Modelling and Interpretation of Knowledge in Monitoring Applications. International Workshop on the Present and Future in Health Monitoring, September 3rd-6th, 2000, Aedificatio Publishers, pp.-47-63, ISBN 3-931681-50-5, Bauhaus-University Weimar, Germany
13. **Santa, U., Bergmeister, K.**, 2000: Structural Health Monitoring of Concrete Bridges. IntSL2000 Conference "Interferometry in Speckle Light: Theory and Applications", September 25 - 28, 2000, Springer Verlag, pp. 633-639, ISBN 3-540-67943-X, EPFL Lausanne, Switzerland
14. **Santa, U., Bergmeister, K.**, 2000: Structural Health Monitoring of Bridges. Proceedings of 3rd International PhD Symposium in Civil Engineering, October 5th-7th, 2000, Vol. 1, pp. 407 – 417, ISSN 1028-5334, University of Applied Sciences, Vienna, Austria
15. **Santa, U.**, 2000: Structural Health Monitoring of Bridges. 3rd International PhD Symposium in Civil Engineering, Presentation, October 5th-7th, 2000, University of Applied Sciences, Vienna
16. **Santa, U.**, 2000: Zustandsbewertung von Fahrbahnen in Verbindung mit GPS-Positionierungen. Veröffentlichungen des Instituts f. Konstruktiven Ingenieurbau, Heft 45, im Eigenverlag des Instituts, Universität für Bodenkultur, Wien, Österreich
17. **Santa, U.**, 2000: Structural Health Monitoring of the Colle d'Isarco Viaduct. Veröffentlichungen des Instituts f. Konstruktiven Ingenieurbau, Heft 45, im Eigenverlag des Instituts, Universität für Bodenkultur, Wien, Österreich
18. **Santa, U.**, 2000: Teilsolare thermische Niedrigenergieanlage SALUTECH. Veröffentlichungen des Instituts f. Konstruktiven Ingenieurbau, Heft 45, im Eigenverlag des Instituts, Universität für Bodenkultur, Wien, Österreich
19. **Bergmeister, K., Santa, U.**, 2001: Global Monitoring Concepts for Bridges. Structural Concrete, Journal of the *fib*, Vol. 2, No. 1, March 2001, pp. 29 – 39, Thomas Telford Ltd., London, UK, ISSN 1464-4177
20. **Del Grosso, A., Inaudi, D., Bergmeister, K., Santa, U.**, 2001: Monitoring of Bridges and Concrete Structures with Fiber Optic Sensors in Europe. IABSE Conference, June 12-14, Seoul, Korea
21. **Santa, U., Bergmeister, K.**, 2001: Instrumentation and Data Acquisition Techniques in Structural Health Monitoring. International Journal for Restoration of Buildings and Monuments. ISSN 0947 - 4498, Vol. 3, IJR 7, 321, Aedificatio Verlag Freiburg, Germany
22. **Santa, U.**, 2001: Structural Monitoring of Concrete Bridges. 1. Internationaler Wiener Konstruktions-Workshop, 28. November 2001, Veröffentlichungen des Institutes Heft Nr. 50, 131-142, ISBN 3-900962-33-2
23. **Bergmeister, K., Santa, U., Strauss, A.**, 2002: Monitoring and Evaluation of Civil Infrastructure Systems. Proceedings of 3rd WCSC (Ed.), pril 7-12, 2002, Como, Italy, ISBN 0471489808
24. **Santa, U., Bergmeister, K., Strauss, A.**, 2002: Guaranteeing Structural Service Life through Monitoring. Proceedings of the first fib-Congress 2002, October 13-19, 2002, Osaka, Japan
25. **Santa, U.**, 2002: Structural Monitoring of Concrete Bridges. Proceedings of the 4th International PhD-Symposium in Civil Engineering, Vol. 2, pp. 197– 02, ISBN 3-935065-09-04, September 19-21, 2002, Munich, Germany

26. **Rieder, A., Bergmeister, K., Santa, U., Fornather, J.**, 2002: Fire Test in a Highway Tunnel. Technical University in Zvolen. Faculty of Wood Science and Technology, Department of Fire Protection. 1st international conference "fire engineering", 30.9. - 3.10.2002, ISBN 80-89029-53-1
27. **Rieder, A., Bergmeister, K., Santa, U., Fornather, J.**, 2002: Fire Test in a Highway Tunnel. Technical University in Zvolen. Faculty of Wood Science and Technology, Department of Fire Protection. 1st international conference "fire engineering", 30.9. - 3.10.2002, p. 331 - p. 336, ISBN 80-89029-51-5
28. **Santa, U.**, 2002: Meßtechnik für Brandversuche. Workshop - Brandforschung in Theorie und Praxis, IKI, 7. März 2002, Wien, ISBN 3-900962-35-9
29. **Strauss, A., Santa, U.**, 2003: SARA - ein Werkzeug für probabilistische Modellierungen. Festschrift Konrad Bergmeister. 10jähriges Wirken am Institut, 1993 - 2003. Veröffentlichung des Instituts für Konstruktiven Ingenieurbau, Heft 55, S.11.1 - 11.9, ISBN 3-900962-49-9
30. **Santa, U., Strauss, A.**, 2003: Anwendungen zur Bauwerksüberwachung. Festschrift Konrad Bergmeister. 10jähriges Wirken am Institut, 1993 - 2003. Veröffentlichung des Instituts für Konstruktiven Ingenieurbau, Heft 55, S.14.1 - 14.8, ISBN 3-900962-49-9
31. **Strauss, A., Bergmeister, K., Santa, U.**, 2003: Reliability analysis of concrete structures. In: Computational Modelling of Concrete Structures (Ed.): EURO-C 2003, March 17 - 20, 2003, St. Johann im Pongau, 817 - 825, St. Johann im Pongau; ISBN 90-5809-536-3
32. **Strauss, A., Bergmeister, K., Santa, U., Pukl, R., Cervenka, V., Novák, D.**, 2003: Stochastic analysis of concrete structures.. In: Massachusetts Institute of Technology: Second MIT - Conference on Computational Fluid and Solid Mechanics, 17 - 20 June, 2003, Massachusetts, 1, Massachusetts
33. **Strauss, A., Bergmeister, K., Santa, U., Pukl, R., Cervenka, V., Novák, D.**, 2003: Non Destructive Reliability Analysis of Concrete Structures Numerical concepts and material model for existing concrete structures . In: Deutsche Gesellschaft für Zerstörungsfreie Prüfung: International Symposium (NDT-CE 2003) Non-Destructive Testing in Civil Engineering 2003, September 16 - 19, 2003, Berlin, 8, Berlin; ISBN 3-931381-49-8
34. **Santa, U.**, 2003: Moderne Messtechnik, Einsatz im Feld, Möglichkeiten. Befestigungstechnik im konstruktiven Ingenieurbau, 28. März 2003, Neustift-Vahrn, Italien.
35. **Bergmeister, K., Strauss, A., Santa, U.**, 2003: Modelling of structural life cycles in combination with monitoring. In: Ibaraki Univ., Dep. of Urban and Civil Engineering, Ibaraki, Japan: First international Conference on Structural Health Monitoring and Intelligent Infrastructure (SHMII-1'2003), 13 to 15 November 2003, Tokyo
36. **Bergmeister, K., Santa, U.**, 2004: Brückeninspektion und -überwachung, Betonkalender 2004, Bergmeister K. und Wörner J. - D., Eds., Ernst und Sohn Verlag, Darmstadt
37. **Santa, U., Bergmeister, K., Strauss, A.**, 2004: Monitoring of Civil Infrastructure - Techniques and Results. In: Association Francaise de Génie Civil - AFGC: fib Symposium. Concrete Structures: the Challenge of Creativity, 26 - 28 April 2004, pp. 292 - 294; AFGC, Avignon, France
38. **Strauss, A., Bergmeister, K., Santa, U.**, 2004: Reliability based assessment procedure for concrete structures.. In: Association Francaise de Génie Civil - AFGC: fib Symposium. Concrete Structures: the Challenge of Creativity, 26 - 28 April 2004, pp. 338 - 339; AFGC, Avignon, France
39. **Strauss, A., Bergmeister, K., Santa, U.**, 2004: Discussion of stochastic models in structural engineering. In: Association Francaise de Génie Civil - AFGC: fib Symposium. Concrete Structures: the Challenge of Creativity, 26 - 28 April 2004, pp. 340 - 341; AFGC, Avignon, France
40. **Strauss, A., Lehky, D., Novak, D., Bergmeister, K., Santa, U.**, 2004: Probabilistic Response Identification and Monitoring of Concrete Structures. In: Vienna University of Technology: Third European Conference on Structural Control, 12 - 15 July 2004, Vienna, Austria
41. **Santa, U.**, 2004: Bauwerksinspektion und -überwachung, Dissertation, Institut für Konstruktiven Ingenieurbau, Universität für Bodenkultur, Wien, Österreich
42. **Bergmeister, K., Santa, U., Strauss, A.**, 2004: Structural Supervision and Simulation in the Field of Preservation. In: Croatian Society of Structural Engineers/Austrian Society for Concrete and Construction Technology: International Symposium "Durability and Maintenance of Concrete Structures", October 21 - 23, 2004, Dubrovnik, 551; ISBN 953-6175-21-5
43. **Strauss, A., Bergmeister, K., Santa, U.**, 2004: Monitoring and Optimization Difficulties for the Description of Structures. In: Croatian Society of Structural Engineers/Austrian Society for Concrete and Construction Technology: International Symposium "Durability and Maintenance of Concrete Structures", October 21 - 23, 2004, Cavtat, 543; ISBN 953-6175-21-5
44. **Santa, U., Bergmeister, K., Strauss, A.**, 2004: Bauwerksüberwachung der Autobahnbrücke Gossensaß. Beton- und Stahlbetonbau 99, Heft 12 (2004), Nr. 384, Ernst- und Sohn Verlag, Deutschland, ISSN 0005-9900
45. **Bergmeister, K., Santa, U., Strauss, A.**, 2004: Monitoring and Simulation of Structural Systems, Betão Estrutural 2004, 17. - 19. November 2004, Porto, Portugal
46. **Santa, U.; Bergmeister, K.; Strauss, A.**, 2005: Monitoring Structural Durability Parameters. In: Balázs, G.; Borosnyói, A.: Symposium: Keep Concrete Attractive, 23. - 25. May 2005, Budapest; Hungarian Academy of Sciences, Hungarian Group of fib, 781; Publ. Company of Budapest Univ. of Technology, Budapest; ISBN 963 420 837 1 Ö.
47. **Strauss, A.; Lehky, D.; Novak, D.; Bergmeister, K.; Santa, U.**, 2005: Probabilistic Response Identification and Monitoring of Concrete Structures. In: Flesch, R., Irschik, H., Krommer, M.: Proceedings of the Third European Conference on Structural Control, July 2004, Vienna; Schriftenreihe der Technischen Universität Wien, Vienna; ISBN 3-901167-90-0.
48. **Santa, U.; Bergmeister, K.**, 2005: Überwachung von historischen Massivbauwerken. Beton- und Stahlbetonbau, 12, p. 968; 0005-9900.
49. **Strauss, A., Bergmeister, K., Santa, U., Bonfiglioli, B., Pascale, G.**, 2004: Monitoring von Faserverbund-Werkstoffen. Bauingenieur, 79, 12, 551 - 558.

50. **Bergmeister, K.; Santa, U.; Strauss, A.**, 2005: Structural monitoring and identification approaches.. In: J.P. Ou; H. Li; Z.D. Duan: Second International Conference on Structural Health Monitoring of Intelligent Infrastructure, 16 - 18 November 2005, Shenzhen, China, Vol. II, p. 1613; Taylor & Francis Group, London; ISBN 0 415 39652 2
51. **Bergmeister, K.; Strauss, A.; Santa, U.**, 2005: Concepts for Health Judgement of Structures. In: Department für Bautechnik + Naturgefahren: 3rd Probabilistic Workshop. Technical Systems - Natural Hazards, 24. - 25. November 2005, Wien; ISSN 1811-8747.
52. **Bergmeister, K.; Strauss, A.; Santa, U.**, 2005: Identification process regarding the reliability based assessment of concrete structures. In: University of Michigan, CEE Dept.: 4th International Workshop on Life-Cycle Cost Analysis and Design of Civil Infrastructure Systems, May 8 - 11, 2005, Florida.
53. **Santa, U.; Bergmeister, K.; Strauss, A.**, 2005: Monitoring Structural Durability Parameters.. In: Balázs, G.; Borosnyói, A.: Symposium: Keep Concrete Attractive, 23. - 25. May 2005, Budapest; Hungarian Academy of Sciences, Hungarian Group of fib, 781; Publ. Company of Budapest Univ. of Technology, Budapest; ISBN 963 420 837 1
54. **Bergmeister, K.; Francesconi, S.; Santa, U.**, 2005: Virgolo tunnel on the Brenner Motorway: "EUROPEAN SAFETY" IN CASE OF FIRE. Symposium FIRE SAFETY IN TERRESTRIAL PASSENGER TRANSPORTATION, Santander, 20th October 2005, Santander, Spain
55. **Strauss, A.; Lehky, D.; Novak, D.; Bergmeister, K.; Santa, U.**, 2005: Probabilistic Response Identification and Monitoring of Concrete Structures. In: Flesch, R.; Irschik, H.; Krommer, M.: Proceedings of the 3rd European Conference on Structural Control, July 2005, Vienna; Schriftenreihe der Technischen Universität Wien, S6-28, Vienna; ISBN 3-901167-90-0.
56. **Santa, U.**, 2006: Überwachung von Ingenieurkonstruktionen, Tagungsband „INTERNATIONALER FACHKONGRESS VIATEC 2006“, 8 – 10. Februar 2006, Bozen, Italien
57. **Bergmeister, K.; Santa, U.**, 2006: Road Surface Monitoring and Pavement Analysis, Proceedings of 34th ASECAP Study and Information Days, 21st - 24th of May 2006, Pula, Croatia
58. **Bergmeister, K.; Faisstnauer, C.; Santa, U.**, 2006: Information Technologies for Intelligent Transport Systems, Proceedings of 34th ASECAP Study and Information Days, 21st - 24th of May 2006, Pula, Croatia
59. **Bergmeister, K.; Santa, U.**, 2006: Monitoring von Bauwerken im Europäischen Vergleich, Tagungsband 29. Darmstädter Massivbauseminar, 14-15.09.2006, TU Darmstadt, Deutschland
60. **Bergmeister, K.; Strauss, A.; Santa, U.**, 2006: Service Life Monitoring and Analysis of Tunnels. In: Tongji University (Hrsg.), 1st International Workshop on Service Life Design for Underground Structures, Tu Delft, 1st International Workshop on Service Life Design for Underground Structures, 19 - 20 October 2006, Shanghai, 4-8.
61. **Bergmeister, K.; Santa, U.; Strauss, A.**, 2007: Überwachung und Analyse der Lebensdauer von Tunnelbauwerken. Beton- und Stahlbetonbau, Heft 1, 24-32; ISSN 0005-9900.
62. **Strauss, A.; Bergmeister, K.; Santa, U.**, 2007: Historische Inspektionstätigkeiten im Ingenieurwesen. Beton- und Stahlbetonbau, Heft 12, 869-876; ISSN 0005-9900.
63. **Strauss, A.; Bergmeister, K.; Wendner, R.; Hoffmann, S.; Santa, U.; Novak, D.; Pukl, R.**, 2007: Stochastic nonlinear analysis of concrete structures - Part III: Application to bridges. In: Jun Kanda, Tsuyoshi Takada, Hitoshi Furuta (Eds.), Applications of Statistics and Probability in Civil Engineering, Taylor & Francis, 10th International Conference on Applications of Statistics and Probability in Civil Engineering, ICASP10, 31 July - 3 August 2007, Tokyo, 329-330; ISBN: 978-0-415-45211-3.
64. **Strauss, A.; Bergmeister, K.; Wendner, R.; Hoffmann, S.; Santa, U.; Novak, D.; Pukl, R.**, 2007: Stochastic nonlinear analysis of concrete structures - Part III: Application to bridges. 10th International Conference on Applications of Statistics and Probability in Civil Engineering, ICASP10, 31 July - 3 August 2007, Tokyo
65. **Santa, U.**, 2008: Sistemi innovativi per la gestione delle emergenze in galleria. L'esperienza della galleria Virgolo in A22, Tagungsband „INTERNATIONALER FACHKONGRESS VIATEC 2008“, 20 – 22 Februar 2008, Bozen, Italien
66. **Strauss, A.; Wendner, R.; Bergmeister, K.; Santa, U.; Frangopol, D.M.**, 2008: Performance predictions of bridge structures based on damage pattern detection and extreme value methods. fib symposium, 19 - 21 May 2008, Amsterdam
67. **Strauss, A.; Wendner, R.; Bergmeister, K.; Santa, U.; Frangopol, D.M.**: 2008: Performance predictions of bridge structures based on damage pattern detection and extreme value methods. In: Ceb. fib., Concrete Structures, International Federation for Structural Concrete, fib symposium, 19 - 21 May 2008, Amsterdam; ISBN: 978-0-415-47535-8
68. **Costa, C.; Santa, U.; De Biasi, I.**: 2008: Monitoraggio continuativo del comportamento dinamico del viadotto Colle Isarco. In "Le Strade", N.11 November 2008, pp. 134 – 141, Italy
69. **Bergmeister, K.; Santa, U.; Strauss, A.**, 2009: Überwachung und Analyse der Lebensdauer von Tunnelbauwerken. Monitoring and analysis of the life of tunnel structures.. In: Wissenschaftsstiftung Deutsch-Tschechisches Institut (WSDTI) (Ed.), Schildvortrieb mit Tübbingausbau. Eine umweltschonende, sichere Baumethode. Mechanised Tunnelling and Segmental Lining. For safe and environment friendly tunnelling., 23; Eigenverlag der GbR, Hamburg; ISBN 978-3-00-025435-2
70. **H. Wenzel, R. Veit-Egerer, M. Widmann, U. Santa**, 2009: "COLLE ISARCO VIADUCT - DYNAMIC BRIDGE BEHAVIOUR BASED ON PERIODIC AND PERMANENT MONITORING WITH BRIMOS", EVACES 09, Wroclaw, Poland
71. **Teplý, B.; Podrouzek, J.; Rovnanikova, P.; Bergmeister, K.; Strauss, A.; Wendner, R.; Costa, C.; Santa, U.**: (2009): "Chloride induced deterioration on concrete bridges". In: Austrian Society for Concrete- and Construction Technology, Innovative Concrete Technology in Practice, The 5th Central European Congress on Concrete Engineering, Baden, 24 - 25 September 2009
72. **Strauss, A.; Wendner, R.; Krawtschuk, A.; Bergmeister, K.; Santa, U.; Costa, C.**: (2009): "Lifetime Assessment of concrete Structures.", 7. International probabilistic Workshop, 25. - 26. November 2009, Delft [Poster]
73. **Rondoni, M.; Santa, U.; Klammsteiner, U.; Demattio, M.; Bancher, M.; Told, A.; Zelger, T.**: (2015) ProCasaClima 2013: CasaClima building simulation software, Building Simulation Applications 2015 - 2nd IBPSA-Italy Conference, Bolzano, Italy