

Publications

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Principles

- Categories: The publications are listed according to the publication types of the Research Collection of ETH Zurich in alphabetical order
<https://www.research-collection.ethz.ch/>
- Period: Publications are listed that were published in the active period of the chair (October 1992-January 2021).
- Order: Within each category, the publications are listed chronologically according to the publication date.
- Authors: Only publications with the chair holder as author or co-author are listed.
- Language: The entries in the lists are filled in the language of the respective publication.
- Dates: Notation: dd.mm.yyyy

Categories

Books and Book Chapters

No.	Authors	Title	Editor	Details	Date	Digital Version	Notes
BO-01	Vogel Thomas und Marti Peter (Hrsg.)	Christian Menn Brückenbauer	Gesellschaft für Ingenieurbaukunst, Band 3	Birkhäuser Verlag Basel, Boston, Berlin, 117 pp.	1997		
BO-02	Vogel Thomas and Schechinger Barbara	Opportunities, Limitations, Accuracy and Skill in: Acoustic Emission Testing, Basics for Research – Applications in Civil Engineering	Grosse Christian U. and Ohtsu Masayasu	Springer Berlin, pp. 383-396	April 2008		
BO-03	Knoll Franz and Vogel Thomas	Design for robustness	IABSE Zurich	Structural Engineering Documents, No 11, 99 pp.	May 2009		
BO-04	Vogel Thomas und Marti Peter (Hrsg.)	Christian Menn Brückenbauer	Gesellschaft für Ingenieurbaukunst, Band 3	2. ergänzte Auflage, vdf Hochschulverlag AG an der ETH Zürich, 121 pp.	2009		
BO-05	Vogel Thomas, Fehlmann Patrick, Wolf Thomas und Honegger Emil	StrucTuricum; 51 bemerkenswerte Bauwerke in Zürich	Institut für Baustatik und Konstruktion und vdf Hochschulverlag AG an der ETH Zürich	1. Auflage, 389 pp.	2012		
BO-06	Vogel Thomas, Fehlmann Patrick, Wolf Thomas und Honegger Emil	StrucTuricum; 51 bemerkenswerte Bauwerke in Zürich	Institut für Baustatik und Konstruktion und vdf Hochschulverlag AG an der ETH Zürich	2. Auflage, 389 pp.	2013		
BO-07	Vogel Thomas, Kuhlmann Ulrike und Rölle Lars	Robustheit nach DIN EN 1991-1-7	Stahlbau-Kalender 2014	Ernst & Sohn, Berlin, p. 559-610	13.04.2014	https://doi.org/10.1002/9783433604717.ch8	

Conference Contributions

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-01	Vogel Thomas	Prinzipien der Bemessung	WTA-Tagung 'Befestigte Fassadenelemente' 02.09.1994	WTA-Schriftenreihe Heft 4, Aedificatio Verlag, Unterengstringen	September 1994		
CC-02	Vogel Thomas	From Structural Assessment to Appropriate Preservation Strategies	IABSE Symposium San Francisco, USA, 23.-25.08.1995	IABSE Report Vol. 73/1, pp. 681-686	August 1995	http://doi.org/10.5169/seals-55259	
CC-03	Vogel Thomas	Nanin and Cascella Arch Bridges at the San Bernardino Pass, Switzerland	Bridge Management 3, Inspection, Maintenance, Assessment and Repair; University of Surrey, Guildford, UK, 14.-17.04.1996	E&FN Spon, London, pp. 270-278	1996		Dates not in Proceedings
CC-04	Vogel Thomas	Safety for Progressive Failure of Concrete Bridges with Damaged Prestressing Strands	Symposium 'Advanced Design of Concrete Structures', Chalmers University of Technology, Gothenburg, 12.-14.06.1997	International Center for Numerical Methods in Engineering (CIMNE), Barcelona, pp. 207-214	June 1997		
CC-05	Vogel Thomas	Provided Testing to Failure of a 37 Year Old Road Bridge	Internat. Seminar 'Structural Assessment, The Role of Large and Full Scale testing', City University, London, UK 01.-03.07.1996	E & FN Spon, London, pp. 115-123.	July 1997		
CC-06	Vogel Thomas	Verstärkungen	'Erhaltung von Betontragwerken – Einführung in die Empfehlung SIA 162/5', Zürich, 01.10.1997	Dokumentation SIA D 0144d, SIA, FBH/FEB, Zürich, pp. 55-76	Oktober 1997		
CC-07	Vogel Thomas	Erhaltung von Betontragwerken	VBK-Fachtagung 'Konzeptionelles Schützen und Instandsetzen von Hochbauten', Aarau, 28.11.1997	Verband Bautenschutz, Kunststoff am Bau	November 1997		

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-08	Vogel Thomas	Verstärken von Tragwerken, Grundlagen und Übersicht über die Verfahren	Veranstaltungsreihe 'Instandsetzung von Stahlbetonbauten', 25.03.1998	TFB Wildegg, pp. 1-36	März 1998		
CC-09	Vogel Thomas and Kalak Joseph	Cut-and-cover Tunnel in a Karst Environment	IABSE Colloquium 'Tunnel Structures', Stockholm, 04.-06.06.1998	IABSE Report Vol. 78, pp. 289-294	June 1998	http://doi.org/10.5169/seals-59051	
CC-10	Köppel Stefan and Vogel Thomas	Modelling the Behaviour of a Prestressed Bridge to Failure	1 st fib Symposium 1999, 'Structural Concrete – The Bridge between People', 12.-15.10.1999, Prague, Czech Republic	Proceedings Vol. 1, pp. 433-438	October 1999	view online: www.fib-international.org	
CC-11	Vogel Thomas	Neue Nutzungsanforderungen an bestehende Bauten: Zustandserfassung und wirtschaftliche Neudimensionierung	Veranstaltungsreihe 'Zusätzliche Beanspruchungen für bestehende Bauwerke: Verstärkungen mit Lamellen und durch Querschnittsvergrößerungen', 17.03.1999	TFB Wildegg, pp. 1-21	März 1999		
CC-12	Vogel Thomas	Bemessungsmodelle für Lamellenverstärkungen		TFB Wildegg, pp. 40-54	März 1999		
CC-13	Vogel Thomas and Huber Heribert	Preservation Strategy of the Shortest Highway Crossing of the Alps	IABSE Symposium 'Structures for the Future – The Search for Quality', Rio de Janeiro, Brazil, 25.-27.08.1999	IABSE Report Vol. 83, pp. 234/5, CD-ROM pp. 877-884	August 1999	http://doi.org/10.5169/seals-62916	
CC-14	Vogel Thomas	Operation successful, patient died – the assessment of structures as an engineering (or a medical) problem	International Congress 'Creating with Concrete', University of Dundee, UK, 08.-10.09.1999	Dhir, R. K. and McCarthy, M. J. (ed.): Concrete Durability and Repair Technology, Thomas Telford, London, pp. 549-562	September 1999		

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CC-15	Köppel Stefan and Vogel Thomas	Localization and identification of cracking mechanisms in concrete using acoustic emission analysis	Bridge management 4; Inspection, maintenance, assessment and repair; University of Surrey, Guildford, UK, 16.-19.04.2000	Thomas Telford, London, pp. 88-95	February 2000		
CC-16	Vogel Thomas	Building and maintaining bridges in Switzerland	Brobyggardagen 2001, Gothenburg, Sweden, 29.01.2001		January 2001		
CC-17	Vogel Thomas	Condition Assessment of Concrete Bridges during Demolition	fib-Symposium, 'Concrete and the Environment', Berlin, Germany, 03.-05.10.2001	Proceedings and CD-ROM, pp. 133-134	October 2001	view online: www.fib- international.org	
CC-18	Vogel Thomas	Praktische ZfP- Anwendungen – Chancen und Grenzen	'Bauwerksdiagnose – Praktische Anwendungen Zerstörungsfreier Prüfungen', Leipzig, D, 25./26.10.2001	CD-ROM, pp. 1-11	Oktober 2001		
CC-19	Vogel Thomas	Vornorm SIA 166 'Klebebewehrung'	Kolloquium 'Geklebte und vorgespannte CFK-Lamellen- bewehrungen', ETH Zürich, 27.11.2001	pp. 1-7	November 2001		
CC-20	Kott Alexander and Vogel Thomas	Baustatik World – An Internet-based Assistant for Structural Analysis in Civil Engineering	International Conference on New Educational Environment, Lugano, 8.-12.05.2002	Poster p. 14	May 2002		
CC-21	Ulaga Tomaž, Vogel Thomas and Meier Urs	The Premature Failure of CFRP Laminated- Strengthened Concrete Structures: Experimental and Theoretical Findings, and Conclusions for Dimensioning	1. International Conference on Bridge Maintenance, Safety and Management, IABMAS'02, Barcelona, Spain, 14.-17.07.2002	Proceedings and CD-ROM, pp. 271-272	July 2002		
CC-22	Vogel Thomas	Deliberate Replacement of a Tendon of an Externally Post- Tensioned Bridge		Proceedings and CD-ROM, pp. 359-360	July 2002		

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CC-23	Zwicky Daia and Vogel Thomas	A Concept for checking structural safety of existing girder bridges and comparison with full scale tests		Proceedings and CD-ROM, pp. 455-456	July 2002		
CC-24	Zwicky Daia and Vogel Thomas	Checking the Limit State of Existing T-Beam Girder Bridges	6th International Conference on Short & Medium Span Bridges (SMSB VI), Vancouver, BC, Canada, 31.07.-02.08.2002	Vol. II, pp. 691-698	July 2002		
CC-25	Vogel Thomas and Schenkel Marcus	Bond Behaviour of Reinforcement with Inadequate Concrete Cover	International Symposium Bond in Concrete – from research to standards, Budapest, Hungary, 20.-22.11.2002	pp. 359-366	November 2002		
CC-26	Vogel Thomas	Beispiel – Projektierung eines Widerlagers	SWISSCODES Neue Norm SIA 260 und 261 (2003), Einführungskurse	SIA-Dokumentation D 0181/d, SIA, Zürich, pp. 67-87	März 2003		siehe auch OP-10
CC-27	Vogel Thomas	Exemple – Élaboration d'un projet d'une culée de pont	SWISSCODES Nouvelles normes SIA 260 et 261 (2003), Cours d'introduction	Documentation SIA D 0181/f, SIA, Zurich, pp. 69-90	Mai 2003		voir aussi CC-11
CC-28	Kott Alexander and Vogel Thomas	Remaining Structural Capacity of Broken Laminated Safety Glass	Glass Processing Days, Tampere, Finland, 15.-18.06.2003	pp. 403-407	June 2003		
CC-29	Ulaga Tomaž, Vogel Thomas and Meier Urs	Bilinear Stress-Slip Bond Model: Theoretical Background and Significance	6th International Symposium on FRP Reinforcements for Concrete Structures (FRPR CS-6), Singapore, 08.-10.07.2003	pp. 153-162	July 2003		
CC-30	Vogel Thomas and Ulaga Tomaž	Design Concepts of the New Swiss Code on Externally Bonded Reinforcement		pp. 1415-1424	July 2003		

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-31	Schechinger Barbara and Vogel Thomas	A deeper understanding of acoustic emission wave propagation in reinforced concrete	International Symposium 'Non-Destructive Testing in Civil Engineering', Berlin, Germany, 16.-19.09.2003	poster no. 7	September 2003		
CC-32	Vogel Thomas and Köppel Stefan	Possibilities and limitations of acoustic emission analysis for reinforced concrete		programme no. 108	September 2003		
CC-33	Vogel Thomas	Einführung und Verständigung	Einführung in die Vornorm SIA 166 Klebebewehrungen, Zürich, 09.09.2004	SIA-Dokumentation D 0209/d, SIA, Zürich, pp. 5-10	August 2004		siehe auch OP-12
CC-34	Vogel Thomas	Nachweis von Tragsicherheit und Gebrauchstauglichkeit mit und ohne Vorspannung		SIA-Dokumentation D 0209/d, SIA, Zürich, pp. 29-38	August 2004		siehe auch OP-12
CC-35	Schechinger Barbara and Vogel Thomas	Acoustic Emission for Monitoring Damage Accumulation in Reinforced Concrete Structures	26th European Conference on Acoustic Emission Testing, Berlin, Germany, 15.-17.09.2004	pp. 101-109	September 2004		
CC-36	Kott Alexander and Vogel Thomas	Safety of laminated glass structures after initial failure	IABSE Symposium 'Metropolitan Habitats and Infrastructure', Shanghai, China, 22.-24.09.2004	IABSE Report Vol. 88, pp. 434-435	September 2004		
CC-37	Fricker Stephan and Vogel Thomas	Site installation and trials of the acoustic monitoring system SoundPrint	Second fib IABSE workshop 'Durability of post-tensioning tendons', Zurich, 11.-12.10.2004	Poster	October 2004		
CC-38	Vogel Thomas	Deliberate replacement of a tendon of an externally post-tensioned bridge		Poster	October 2004		

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CC-39	Kott Alexander and Vogel Thomas	Controlling the Post-Breakage Behaviour of Laminated Safety Glass	International Symposium on the Application of Architectural Glass (ISAAG), TU München und Universität der Bundeswehr München, Munich, Germany, 15.-16.11.2004		November 2004		
CC-40	Vogel Thomas	Einführung, Grundsätze und Massnahmenempfehlung	Überprüfung bestehender Gebäude bezüglich Erdbeben – Einführung in das Merkblatt SIA 2018, Zürich 15.03.2005	SIA-Dokumentation D 0211, SIA, Zürich, pp. 1-8	März 2005		
CC-41	Kott Alexander and Vogel Thomas	Structural Behaviour of Broken Laminated Safety Glass	Glass in Buildings, Bath, UK, 07.-08.04.2005	pp. 119-128	April 2005		
CC-42	Stempfle Hartwig and Vogel Thomas	Robustness of Standard Swiss overpasses with V-Columns	5th International Conference on Bridge Management, University of Surrey, UK, 11.-13.04. 2005	pp. 113-120	April 2005		
CC-43	Müllers Ingo and Vogel Thomas	Vulnerability of Flat Slab Structures	ASCE/SEI Structures Congress 2005, 'Metropolis & Beyond', New York, USA, 24.04.2005	CD-ROM, 10 pp	April 2005		
CC-44	Vogel Thomas and Kölz Ehrfried	Evaluation of existing buildings with respect to earthquake risks	9th International Conference on Structural Safety and Reliability (ICOSSAR), 19.-23.06.2005	pp. 345-351	June 2005		
CC-45	Fricker Stephan and Vogel Thomas	Site installation and testing of permanent acoustic monitoring	SAMCO Summer Academy 2005, Assessment, Monitoring and Control, Zell am See, Austria, 05.-09.09.2005		September 2005		

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-46	Kott Alexander and Vogel Thomas	Structural Capacity of Laminated Glass Damaged by Accidental Action	IABSE 'Symposium Structures and Extreme Events', Lisbon, Portugal, 14.-16.09.2005	IABSE Report Vol. 90, pp. 210/211 and CD-ROM 8 pp.	September 2005		
CC-47	Schellenberg Kristian and Vogel Thomas	Swiss Rockfall Galleries – Impact Load		IABSE Report Vol. 90, pp. 302/303 and CD-ROM 8 pp.	September 2005		
CC-48	Müllers Ingo and Vogel Thomas	Column Failure as a Hazard Scenario for Flat Slab Structures		IABSE Report Vol. 90, pp.366/367 and CD-ROM 8 pp.	September 2005		
CC-49	Schellenberg Kristian, Vogel Thomas, Fu Chung C. and Wang Shuqing	Comparison of European and U.S. Practices Concerning Creep and Shrinkage	fib Symposium 'Structural Concrete and Time', La Plata, Argentina, 28.-30.09.2005,	pp. 445-452	September 2005	view online: www.fib-international.org	
CC-50	Fricker Stephan and Vogel Thomas	Überwachung von Drahtbrüchen bei Stahlbetonbrücken	Fachtagung 'Bauwerksdiagnose, Praktische Anwendung Zerstörungsfreier Prüfungen', Berlin, Deutschland, 23.-24. 02.2006		Februar 2006		
CC-51	Vogel Thomas	Zustandsbeurteilung von Brücken bei deren Abbruch (ZEBRA)	10. Münchener Massivbau Seminar, 09.03.2006	pp. 32-33 und CD-ROM 10 pp.	März 2006		
CC-52	Müllers Ingo and Vogel Thomas	Robustness of Reinforced Concrete Structures Subjected to Column Failure	2nd International fib Congress, Naples, Italy, 05.-08.2006	Vol. 2, pp. 592-593 and CD-ROM 10 pp.	June 2006	view online: www.fib-international.org	
CC-53	Vogel Thomas and Bargähr Reto	Condition Assessment of Concrete Bridges during Demolition	Structural Faults & Repair 2006, Edinburgh, UK 13.-15.06.2006	pp. 18/19 and CD-ROM file OBRI-VOG.pdf, 8 pp.	June 2006		

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-54	Fricker Stephan and Vogel Thomas	Acoustic Monitoring of Post-Tensioned Bridges		p. 48 and CD-ROM file OBRI-FRI.pdf, pp. 1-8	June 2006		
CC-55	Bargähr Reto and Vogel Thomas	Condition assessment of concrete bridges during demolition	3rd International Conference on Bridge Maintenance, Safety and Management (IABMAS), Porto, Portugal, 16.-19.07.2006	pp. 215-216 and CD-ROM file P_056.pdf, pp. 1-7	July 2006		
CC-56	Stempfle Hartwig and Vogel Thomas	Robustness of Highway Overpasses		pp. 793-794 and CD-ROM file P_292.pdf, pp. 1-7	July 2006		
CC-57	Fricker Stephan and Vogel Thomas	Detecting wire breaks in a prestressed concrete road bridge with continuous acoustic monitoring		pp. 847-849 and CD ROM file P_315.pdf, pp. 1-8	July 2006		
CC-58	Kölz Ehrfried, Vogel, Thomas and Duvernay Blaise	Risk-based Safety Evaluation of Existing Buildings – The Concept of the Swiss Technical Note SIA 2018	First European Conference on Earthquake Engineering and Seismology, Geneva, Switzerland, 03.-08.09.2006	Paper No. 639, p. 75.	September 2006		
CC-59	Vogel Thomas and Kölz Ehrfried	Examination of existing buildings for accidental actions like earthquake	IABSE Symposium 'Responding to Tomorrow's Challenges in Structural Engineering', Budapest, Hungary, 13.-15.09.2006	pp. 448-449	September 2006		
CC-60	Vogel Thomas, Schechinger Barbara and Fricker Stephan	Acoustic Emission Analysis as a Monitoring Method for Prestressed Concrete Structures	9th European Conference on NDT, Berlin, Germany, 25.-29.09.2006	Part 1, We 4.4.3,	September 2006		
CC-61	Schellenberg Kristian, Volkwein Axel, Roth Andrea and Vogel Thomas	Rockfall – Falling weight tests on galleries with special cushion layers	3rd International Conference on Protection of Structures against Hazards, Venice, Italy, 27.-29.09.2006	IABSE Report Vol. 92, pp. 251-258	September 2006		

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-62	Vogel Thomas	Normenumfeld für die Ertüchtigung von Tragwerken	Tag der Befestigungstechnik, Befestigungen zur Bauwerksertüchtigung, ETH Zürich, 01.03.2007	pp. 3-6			
CC-63	Fricker Stephan et Vogel Thomas	Évaluation du procédé SoundPrint par l'ETH de Zurich	DIAGNOBETON 2007, Aix-en-Provence, 10./11.05.2007		Mai 2007		
CC-64	Schellenberg Kristian and Vogel Thomas	Tests and analytical model of rockfall impacts on galleries	First International Workshop on Performance, Protection & Strengthening of Structures under Extreme Loading (PROTECT 2007), Whistler, Canada, 20.-22.08.2007	p. 27 and CD-ROM SWO04_Schellenberg.pdf, pp. 1-10	August 2007		
CC-65	Vogel Thomas	Beton bei Bau und Erhaltung von Steinschlaggalerien	13. Holcim Betontagung 'Beton und Naturgefahren', 11.09.2007		September 2007		
CC-66	Kölz Ehrfried und Vogel Thomas	Verhältnismässigkeit und Zumutbarkeit von Erdbebensicherheitsmassnahmen	D-A-CH Tagung 2007 der Österreichischen Gesellschaft für Erdbebeningenieurwesen und Baudynamik, Wien, Österreich, 27./28.09.2007	2 pp. und CD-ROM 10 pp.	September 2007		
CC-67	Schellenberg Kristian, Volkwein Axel, Roth Andrea and Vogel Thomas	Large-scale impact tests on rock fall galleries	7th International Conference on Shock & Impact Loads on Structures (SI07), Beijing, China, 17.-19.10.2007	pp. 497-504	October 2007		
CC-68	Vogel Thomas	Feldversuche mit dem akustischen Überwachungssystem SoundPrint	4. Studentagung 'Neues aus der Brückenforschung', Bern, 20.11.2007	SIA Dokumentation D 0223, SIA, Zürich, pp. 65-74	November 2007		

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-69	Schellenberg, Kristian, Ghadimi Khasraghy Sara and Vogel Thomas	Impact behavior of reinforced concrete slabs subjected to rock fall loading	Structures under Shock and Impact X, Algarve, Portugal, 14.-16.05.2008	N. Jones and C.A. Brebbia (Ed.), WIT Press, pp. 25-34	May 2008		
CC-70	Vogel Thomas and Fricker Stephan	Remote acoustic monitoring to detect breaks of prestressing wires	IABSE Conference 'Information and Communication Technology (ICT) for Bridges, Buildings and Construction Practice', Helsinki, Finland, 04.-06.06.2008	IABSE Report Vol. 94, pp. 178-179 and CD-ROM 8 pp			
CC-71	Schellenberg Kristian and Vogel Thomas	A dynamic design method for rock fall protection galleries	Interdisciplinary Workshop on Rockfall Protection, 23.-25.06.2008	pp. 96-98	June 2008		
CC-72	Schellenberg Kristian, Volkwein Axel, Denk Matthias and Vogel Thomas	Falling weight tests on rock fall galleries with cushion layers		pp. 99-103	June 2008		
CC-73	Vogel Thomas and Figi Heinrich	Conceptual Design in the Education of Civil Engineers	IABSE Congress 'Creating and Renewing Urban Structures –Tall Buildings, Bridges and Infrastructure, Chicago, 17.-19.09.2008	IABSE Report Vol. 17, pp. 328-329 and CD-ROM 8 pp.	September 2008		
CC-74	Vogel Thomas	Erfahrungen in der Schweiz	'Renovatieprogramma's Bruggen en Viaducten', Nederlandse Betonvereniging, Zeist, Niederlande, 10.03.2009		März 2009		
CC-75	Vogel Thomas and Trausch Luc	New Swiss codes for the conservation of concrete structures	11th Annual International fib Symposium, London, 22.-24.06.2009		June 2009	view online: www.fib-international.org	

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CC-76	Wolf Thomas and Vogel Thomas	Detection of breaks in reinforcing bars with the magnetic flux leakage method	4th International Conference on Structural Health Monitoring of Intelligent Infrastructure, Zurich, 22.-24.07.2009	p. 110	July 2009		
CC-77	Ghadimi Khasraghy Sara, Schellenberg Kristian and Vogel Thomas	Prediction of shear failure of rockfall protection galleries	PROTECT2009, Structures under Extreme Loading, Hayama, Japan, 19.-21.08.2009	p. 42 and CD-ROM 10 pp.	August 2009		
CC-78	Ghadimi Khasraghy Sara, Kishi Norimitsu and Vogel Thomas	Numerical simulation of consecutive rockfall impacts on reinforced concrete slabs	IABSE Symposium 'Sustainable Infrastructure-Environment Friendly, Safe and Resource Efficient', Bangkok, Thailand, 09.-11.09.2009	IABSE Report Vol. 96, pp. 218-220	September 2009		
CC-79	Fehlmann Patrick and Vogel Thomas	Experimental Investigations on the Fatigue Behavior of Concrete Bridges		IABSE Report Vol. 96, pp. 420-421	September 2009		
CC-80	Vogel Thomas	Covering Robustness in Present and Future Codes	IABSE–fib Conference, 'Codes in Structural Engineering', Dubrovnik, Croatia, 03.-05.05.2010	SECON-CSSE, Vol. 1, pp. 489-496	May 2010		
CC-81	Brühwiler Eugen, Vogel Thomas, Lang Thomas and Lüchinger Paul	Swiss Codes for Existing Structures – Principles and Challenges		SECON-CSSE, Croatia, Vol. 2, p. 1113-1120	May 2010		
CC-82	Abdellah Amr and Vogel Thomas	Tie Together or Separate; another Approach to Resist Progressive Collapse	8th fib International PhD Symposium in Civil Engineering, Kgs. Lyngby, Denmark, 20.-23.06.2010	pp. 93-98, digital: pp. 106-111	June 2010	view online: www.fib-international.org	

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CC-83	Wolf Thomas and Vogel Thomas	Detection of reinforcement breaks on large-scale fatigue tests with the magnetic flux leakage method		pp. 587-592, digital: pp. 600-605	June 2010	view online: www.fib-international.org	
CC-84	Wolf Thomas and Vogel Thomas	Experimental trials on the detection of reinforcement breaks with the magnetic flux leakage method	5th International Conference on Bridge Maintenance, Safety and Management, Philadelphia (PA), USA, 11.-15.07.2010	p. 142 & CD-ROM pp. 536-542	July 2010		
CC-85	Vogel Thomas	Remaining structural capacity of an early post-tensioned bridge verified after removal		p. 294 & CD-ROM pp. 1461-1468	July 2010		
CC-86	Vogel Thomas	Allgemeine Bedeutung von technischen Normen	FAN-Herbstkurs 2010, Luzern, 28.10.2010,	Fachleute Naturgefahren (FAN)	Oktober 2010		
CC-87	Wolf Thomas, Fehlmann Patrick and Vogel Thomas	First Applications on the Detection of Fatigue Breaks in Bridges with the Magnetic Flux Leakage Method	1st Middle East Conference on Smart Monitoring, Assessment and Rehabilitation of Civil Structures, Dubai, UAE, 08.-10.02.2011		February 2011	https://doi.org/10.3929/ethz-a-006519336	
CC-88	Vogel Thomas	Von der Überprüfung zur Massnahmenplanung	Einführungskurse 'Erhaltung von Tragwerken -Vertiefung und Anwendung', Zürich, 15.06.2011 und Bern, 14.09.2011	SIA Dokumentation D 0240d, pp. 37-48.	Juni 2011		
CC-89	Ghadimi Khasraghy Sara, Röthlin Christina and Vogel Thomas	Evaluation of the Load Carrying Capacity of a Rockfall Protection Gallery	Protect 2011, Performance, Protection & Strengthening of Structures under Extreme Loading, Lugano, 30.08.-01.09.2011		August 2011		see also JC-22

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CC-90	Kalicka Malgorzata and Vogel Thomas	Acoustic signal discrimination in prestressed concrete elements based on statistical criteria	5th International Conference on Structural Health Monitoring of Intelligent Infrastructure (SHMII-5), Cancún, México 11.-15.12.2011.		December 2011	https://doi.org/10.3929/ethz-a-006962361	
CC-91	Schellenberg, Kristian, Schubert Matthias and Vogel Thomas	A performance based design concept for rockfall protection galleries	9th International Conference on Shock & Impact Loads on Structures, Fukuoka, Japan, 16.-18.11.2011		November 2011		
CC-92	Vogel Thomas, Wolf Thomas und Fehlmann Patrick	Detektion von Ermüdungsbrüchen bei Stahlbetonbrücken	Fachtagung Bauwerksdiagnose, DGZfP/BAM, Berlin, Deutschland, 23.-24.02.2012	CD-ROM (v13.pdf), 8 p	Februar 2012		
CC-93	Schellenberg Kristian, Röthlin Christina, Ghadimi Khasraghy Sara and Vogel Thomas	A Review on the Design of Rock Sheds with a Cushion Layer	11th International & 2nd North American Symposium on Landslides, Banff, Canada, 02.-08-06.2012		June 2012		
CC-94	Kalicka Malgorzata and Vogel Thomas	Long term monitoring of a prestressed concrete box girder bridge by acoustic emission – planning and executing	Structural Faults & Repair, Edinburgh, UK, 03.-05.07.2012	7 pp.	July 2012	https://doi.org/10.3929/ethz-a-007335088	preprint
CC-95	Wolf Thomas and Vogel Thomas	Detection of Reinforcement Breaks: Laboratory Experiments and an Application of the Magnetic Flux Leakage Method		9 pp.	July 2012	https://doi.org/10.3929/ethz-a-007326286	

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CC-96	Vogel Thomas	Robustness of Structures	IABSE Workshop 'Safety, Failures and Robustness of Large Structures', Helsinki, Finland, 14.-15.02.2013	IABSE Report Vol. 100, pp. 22-39. Rakennus tekniikka (The Finnish Civil Engineering Construction Journal), Vol. 69, 1/13, pp. 52-69	February 2013		
CC-97	Vogel Thomas	Assessment, Upgrading and Refurbishing – A consolidated approach.	IABSE Conference 'Assessment, Upgrading and Refurbishment of Infra-structures', Rotterdam, NL, 06.-08.05.2013	IABSE Report Vol. 99, pp. 43-57 and CD-ROM	May 2013		
CC-98	Ghadimi Khasraghy Sara, Kishi Norimitsu, Vogel Thomas and Alvarez Manuel A.	Numerical Investigation for Optimization of the Load Carrying Capacity of a Swiss Rockfall Protection Gallery		IABSE Report Vol. 99, pp. 134-135 and CD-ROM	May 2013		
CC-99	Roethlin Christina, Calvetti Francesco Yamaguchi Satoru and Vogel Thomas	Numerical simulation of rockfall impact on a rigid reinforced concrete slab with a cushion layer	Protect 2013, 'Performance, Protection & Strengthening of Structures Under Extreme Loading', Mysore, India, 26./27.08.2013	CD-ROM 11 pp.	August 2013	https://doi.org/10.3929/ethz-a-010061763	
CC-100	Kocur Georg Karl, Saenger Erik H. and Vogel Thomas	Time Reverse Modeling versus Automatic Onset Detection: A Study on the Localization of Acoustic Emissions in Reinforced Concrete	International Symposium on Nondestructive Testing of Materials and Structures (NDTMS-2011), Istanbul, Turkey, 15.-18.05.2011	Büyüköztürk O.; Taşdemir M.A., Güneş O.; Akkaya Y. (Eds.): Nondestructive Testing of Materials and Structures, Series: RILEM Bookseries, Vol. 6, 2013, XXIX, pp. 45-50	2013	https://doi.org/10.1007/978-94-007-0723-8_6	

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-101	Vogel Thomas	Dynamische Tragfähigkeit von Stahlbetonplatten bei Steinschlag	6. FBH / ASTRA Studientagung 'Neues aus der Brückenforschung', Olten, 13.03.2014	SIA Dokumentation D 0247d, SIA, Zürich, pp. 21-30	März 2014		
CC-102	Herraiz Borja and Vogel Thomas	Simplified approach for analysing building structures subjected to sudden column removal scenarios	9th International Conference on Structural Dynamics, EUROLYN 2014, Porto, Portugal, 30.06.-02-07.2014	pp. 3467-3474	June 2014	https://doi.org/10.3929/ethz-a-010261494	
CC-103	Spathelf Christian and Vogel Thomas	Fatigue performance of orthogonally reinforced concrete slabs	10th fib International PhD Symposium in Civil Engineering, Université Laval, Québec, Canada, 21.-23.07.2014	pp. 277-282	July 2014	https://doi.org/10.3929/ethz-a-010261926	
CC-104	Diederich Holger and Vogel Thomas	Detection of reinforcement bar fractures by measuring the remanent and active magnetic field		pp. 369-373	July 2014	https://doi.org/10.3929/ethz-a-010358419	
CC-105	Gollob Stephan and Vogel Thomas	Localisation of acoustic emission in reinforced concrete using heterogeneous and orthotropic velocity models		pp. 375-380	July 2014	https://doi.org/10.3929/ethz-a-010265293	
CC-106	Herraiz Borja and Vogel Thomas	Robustness of flat slab structures for sudden column failure scenarios		pp. 559-564	July 2014	https://doi.org/10.3929/ethz-a-010261526	
CC-107	Gollob Stephan and Vogel Thomas	Localisation of Acoustic Emission in Reinforced Concrete using Heterogeneous Velocity Models	31st Conference of the European Working Group on Acoustic Emission (EWGAE) Dresden, Germany, 03.-05.09.2014	pp. 1.8	September 2014	https://doi.org/10.3929/ethz-a-010265299	

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-108	Herraiz Borja, Vogel Thomas and Russel Justin	Energy-based method for sudden column failure scenarios	IABSE Workshop, Safety, Robustness and Condition Assessment of Structures, Helsinki, Finland, 11.-12.02.2015	IABSE Report Vol. 103, pp. 70-77 and CD-ROM 8 pp.	February 2015	https://doi.org/10.3929/ethz-a-010389549	
CC-109	Herraiz Borja and Vogel Thomas	Robustness and energy absorption capacity of laterally unrestrained reinforced concrete slabs	2015 Structures Congress, Portland, OR, USA, 23.-25.04.2015	12 pp.	April 2015	https://doi.org/10.3929/ethz-a-010433538	preprint
CC-110	Gollob Stephan and Vogel Thomas	Localization of Acoustic Emission in Reinforced Concrete using a Heterogeneous Velocity Model and Multilinear Wave Propagation Paths	fib Symposium Copenhagen, 18.-20.05.2015	pp. 336/337 and CD-ROM 8 pp.	May 2015	https://doi.org/10.3929/ethz-a-010583698	preprint
CC-111	Gollob Stephan, Mhamdi Lassaad, Kocur Georg Karl, Schumacher Thomas, and Vogel Thomas	A novel multi-segment path analysis-based technique for acoustic emission source localization in complex solid media	9th International Conference on Fracture Mechanics of Concrete and Concrete Structures (FraMCoS-9), Berkeley, CA, USA, 22.-25.05.2016	No. 41, pp. 1-7	May 2016	https://doi.org/10.3929/ethz-a-010667603	
CC-112	Vogel Thomas	Suicide prevention for high bridges	19th Congress of IABSE Stockholm, Sweden, 21.-23.09.2016	IABSE Report, Vol. 19, pp. 433-440	September 2016		
CC-113	Gollob Stephan and Vogel Thomas	Updating cracks within a heterogeneous numerical model based on estimated AE source locations	8th International Conference on Acoustic Emission (IIAE 2016), Kyoto, Japan, 05.-09.12.2016	5 pp.	December 2016	https://doi.org/10.3929/ethz-a-010799439	preprint

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-114	Gollob Stephan, Kocur Georg Karl and Vogel Thomas	Localization of Acoustic Emissions in a numerically simulated T-shaped Concrete Beam	World Conference on Acoustic emission (WCAE-2015), Hawaii, USA, 10.-13.11.2015	Advances in Acoustic Emission Technology, Springer Proceedings in Physics 179, pp. 39–52	2017	https://doi.org/10.3929/ethz-a-010583690	preprint
CC-115	Lemcherreq Yasmin and Vogel Thomas	Experimental investigation of bond behaviour under repeated loading	12th fib International PhD Symposium in Civil Engineering, Czech Technical University in Prague, Prague, Czech Republic, 29.-31.08.2018	pp. 561–566	August 2018	https://doi.org/10.3929/ethz-b-000314982	preprint
CC-116	Mozaffari Kojidi Salma, Akbarzadeh Masoud and Vogel Thomas	Development of three-dimensional strut-and-tie models for structural concrete components		pp. 609–615	August 2018	https://doi.org/10.3929/ethz-b-000315643	preprint
CC-117	Schranz Bernhard, Czaderski Christoph, Shahverdi Moslem, Michels Julien, Vogel Thomas and Motavalli Masoud	Ribbed iron-based shape memory alloy bars for pre-stressed strengthening applications	IABSE Symposium 2019 'Towards a Resilient Built Environment – Risk and Asset Management', Guimarães, Portugal, 27.-29.03.2019	IABSE Report, Vol. 113, pp. 1394-1401	March 2019		
CC-118	Mozaffari Kojidi Salma, Akbarzadeh Masoud and Vogel Thomas	Generation of strut-and-tie models and stress fields for structural concrete	Structures Congress (SEI 2019), Orlando, FL, USA, 24.-27.04.2019	11 pp.	April 2019	https://doi.org/10.3929/ethz-b-000340330	preprint

No.	Authors	Title	Conference	Proceedings	Date	Digital Version	Notes
CC-119	Lemcherreq Yasmin, Kaufmann Walter and Vogel Thomas	Fatigue of Bond: Experimental Investi- gation Using Pull-out Tests with Distributed Fibre Optical Sensors	fib Symposium 2020 Shanghai, online, 22.-24.11.2020	8 pp.	November 2020	https://doi.org/10.3929/ethz-b-000465183	accepted version

Educational Material

Not listed

Journal Contributions

No.	Authors	Title	Journal	Publisher and Details	Date	Digital Version	Notes
JC-01	Vogel Thomas	Die Lebensdauer von Stahlbetonbrücken	Schweizer Baublatt	Nr. 97, pp. 2-8	07.12.1993		
JC-02	Vogel Thomas	Externe Vorspannung – Eine Standortbestimmung	Schweizer Ingenieur und Architekt	112. Jg., Heft 21, pp. 407-409	19.04.1994	http://doi.org/10.5169/seals-78450	siehe auch OP-01
JC-03	Vogel Thomas	Vorspanngrad von Freivorbaubrücken	Schweizer Ingenieur und Architekt	116. Jg., Heft 26, pp. 509-513	25.06.1998	http://doi.org/10.5169/seals-79531	
JC-04	Vogel Thomas	Zustandserfassung von Brücken bei deren Abbruch – Erste Ergebnisse eines Forschungsprojektes an der ETH Zürich	tec21	Band 127, Heft 24, pp. 19-24	15.06.2001	http://doi.org/10.5169/seals-80170	
JC-05	Vogel Thomas	Der Experte als Bindeglied zwischen Hochschule und Praxis	tec21	Band 127, Heft 31/32, pp. 9-12	07.08.2001	http://doi.org/10.5169/seals-80182	
JC-06	Vogel Thomas and Ulaga Tomaž	Strengthening of a Concrete Bridge and Loading to Failure	Structural Engineering International (SEI)	IABSE, Vol. 12, No. 2, pp. 105-110	May 2002	https://doi.org/10.2749/101686602777965504	
JC-07	Kott Alexander and Vogel Thomas	Safety of Laminated Glass Structures after Initial Failure	Structural Engineering International (SEI)	IABSE, Vol. 14, No. 2, pp. 134-138	May 2004	https://doi.org/10.2749/101686604777964099	
JC-08	Vogel Thomas	Entwurfskompetenz für Ingenieurinnen und Ingenieure	tec 21	Band 130, Heft 42, pp. 15-17	15.10.2004	http://doi.org/10.5169/seals-108454	
JC-09	Zwicky Daia, Vogel Thomas and Guidotti Nicola	Structural assessment and strengthening measures for a cantilevered road deck	Progress in Structural Engineering Materials	Wiley, Vol 6 No 4, October/December 2004, pp. 229-240	29.11.2004	https://doi.org/10.1002/pse.184	
JC-10	Vogel Thomas	Über die Nutzungsdauer von Brücken	Strasse und Verkehr	Band 92, Heft 6, pp. 20-24	Juni 2006		
JC-11	Schechinger Barbara and Vogel Thomas	Acoustic emission for monitoring a reinforced concrete beam subject to four-point-bending	Construction and Building Materials	Elsevier, Vol. 21(2007), No. 3, pp. 483-490	March 2007	https://doi.org/10.1016/j.conbuildmat.2006.04.003	

No.	Authors	Title	Journal	Publisher and Details	Date	Digital Version	Notes
JC-12	Fricker Stefan and Vogel Thomas	Site installation and testing of a continuous acoustic monitoring	Construction and Building Materials	Elsevier, Vol. 21(2007), No. 3, pp. 501-510	March 2007	https://doi.org/10.1016/j.conbuildmat.2006.04.008	
JC-13	Vogel Thomas	Distribution of Loss Expenses to Different Causers	Structural Engineering International (SEI)	IABSE, Vol.17, No. 2, pp. 119-122	23.03.2007	https://doi.org/10.2749/101686607780680808	
JC-14	Vogel Thomas und Schellenberg Kristian	Forschungsarbeiten an Steinschlaggalerien	baublatt	Ausgabe 49/2007, pp. 14-18	07.12.2007		
JC-15	Ulaga Tomaž and Vogel Thomas	Concrete members with plate reinforcement: mechanical bond analysis	Structural Concrete	fib, Vol. 8, No. 4, pp. 165-173	December 2007	https://doi.org/10.1680/stco.2007.8.4.165	
JC-16	Müllers Ingo and Vogel Thomas	Dimensioning of Flat Slab Structures for Column Failure	Structural Engineering International (SEI)	IABSE, Vol. 18, No.1, pp. 73-78	February 2008	https://doi.org/10.2749/101686608783726795	
JC-17	Vogel Thomas	Tragfunktion sichern	TEC21	Band 135, Heft 19, pp. 16-20	08.05.2009	http://doi.org/10.5169/seals-108260	
JC-18	Fehlmann Patrick and Vogel Thomas	Versuche zur Ermüdungsfestigkeit alter Betonstähle	Beton- und Stahlbetonbau	Ernst & Sohn, Band 104, Heft 7, pp. 416-423.	Juli 2009	https://doi.org/10.3929/ethz-a-006995553	Preprint
JC-19	Vogel Thomas, Labiouse Vincent and Masuya Hiroshi	Rockfall Protection as an Integral Task	Structural Engineering International (SEI)	IABSE, Vol. 19, No. 3, pp. 304-312	August 2009	https://doi.org/10.2749/101686609788957856	
JC-20	Vogel Thomas und Schellenberg Kristian	A Dynamic Design Method for Rockfall Protection Galleries	Structural Engineering International (SEI)	IABSE, Vol. 19, No. 3, pp. 321-326	August 2009	https://doi.org/10.2749/101686609788957928	
JC-21	Kocur Georg Karl, Saenger Erik H. and Vogel Thomas	Elastic wave propagation in a segmented X-ray computed tomography model of a concrete specimen	Journal of Construction and Building Materials	Elsevier, Vol. 24, No. 12, pp. 2393-2400	December 2010	https://doi.org/10.1016/j.conbuildmat.2010.05.013	

No.	Authors	Title	Journal	Publisher and Details	Date	Digital Version	Notes
JC-22	Kocur Georg Karl and Vogel Thomas	Classification of the damage condition of pre-loaded reinforced concrete slabs using parameter-based acoustic emission analysis	Journal of Construction and Building Materials	Elsevier, Vol. 24, No. 12, pp. 2332-2338	December 2010	https://doi.org/10.1016/j.conbuildmat.2010.05.003	
JC-23	Ghadimi Khasraghy Sara, Röthlin Christina and Vogel Thomas	Evaluation of the Load Carrying Capacity of a Rockfall Protection Gallery	Applied Mechanics and Materials	Scientific.Net, Vol. 82, pp. 235-240	July 2011	https://doi.org/10.4028/www.scientific.net/AMM.82.235	
JC-24	Kocur Georg Karl, Vogel Thomas and Saenger Erik H.	Crack localization in a double-punched concrete cuboid with time reverse modeling of acoustic emission	International Journal of Fracture	Springer, Vol. 171, No. 1, pp. 1-10	September 2011	https://doi.org/10.3929/ethz-b-000041721	
JC-25	Brühwiler Eugen, Vogel Thomas, Lang Thomas, Lüchinger Paul	Swiss Standards for Existing Structures	Structural Engineering International (SEI)	IABSE, Vol. 22, No. 2, pp. 275-280	May 2012	https://doi.org/10.2749/101686612X13291382991209	
JC-26	Vogel Thomas and Schellenberg Kristian	Design for inspection of concrete bridges	Materials and Corrosion	Wiley, Vol. 63, No. 12, pp. 1102-1113	December 2012	https://doi.org/10.1002/maco.201206721	
JC-27	Vogel Thomas and Fricker Stephan	Condition survey and evaluation of an early post-tensioned bridge verified after removal	Structure and Infrastructure Engineering	Taylor and Francis Ltd., Vol. 10, No 3, pp. 359-374	20.02.2013	https://doi.org/10.1080/15732479.2012.756917	
JC-28	Schellenberg Kristian, Vogel Thomas, Chèvre Michel and Alvarez Manuel	Assessment of Bridges on the Swiss National Roads	Structural Engineering International (SEI)	IABSE, Vol. 23, No. 4, pp. 402-410	November 2013	https://doi.org/10.2749/101686613X13627351081759	
JC-29	Vogel Thomas and Schellenberg Kristian	The Impact of the Sunniberg Bridge on Structural Engineering, Switzerland	Structural Engineering International (SEI)	IABSE, Vol. 25, No. 4, pp. 381-388	November 2015	https://doi.org/10.2749/101686615X14355644770811	

No.	Authors	Title	Journal	Publisher and Details	Date	Digital Version	Notes
JC-30	Kocur Georg K., Saenger Erik H., Grosse Christian U. und Vogel Thomas	Time reverse modeling of acoustic emissions in a reinforced concrete beam	Ultrasonics	Elsevier, Vol. 65, pp. 96-104	February 2016	https://doi.org/10.1016/j.ultras.2015.10.014	
JC-31	Diederich Holger and Vogel Thomas	Evaluation of Reinforcing Bars Using the Magnetic Flux Leakage Method	Journal of Infrastructure Systems	ASCE, vol. 23. issue 1, 5 pp.	16.03.2016	https://doi.org/10.1061/(ASCE)IS.1943-555X.0000306	
JC-32	Herraiz Borja and Vogel Thomas	Novel design approach for the analysis of laterally unrestrained reinforced concrete slabs considering membrane action	Engineering Structures	Elsevier, 123 (2016), pp. 313-329	17.05.2016	https://doi.org/10.1016/j.engstruct.2016.05.033	
JC-33	Ringli René and Vogel Thomas	Load-bearing behavior of spliced glass beams under bending action	Glass Structures & Engineering	Springer, Vol. 1, Issue 1, pp. 61-80	June 2016	https://doi.org/10.1007/s40940-016-0006-5	
JC-34	Gollob Stephan, Kocur Georg Karl, Schumacher Thomas, Mhamdi Lassaad and Vogel Thomas	A novel multi-segment path analysis based on a heterogeneous velocity model for the localization of acoustic emission sources in complex propagation media	Ultrasonics	Elsevier, Vol. 74(2017), pp. 48-61	04.10.2016	https://doi.org/10.1016/j.ultras.2016.09.024	
JC-35	Diederich Holger and Vogel Thomas	Evaluation of Reinforcing Bars Using the Magnetic Flux Leakage Method	Journal of Infrastructure Systems	ASCE Library, Vol. 23, Issue 1, 5 pp.	March 2017	https://doi.org/10.1061/(ASCE)IS.1943-555X.0000306	
JC-36	Spathelf Christian .A. and Vogel Thomas	Fatigue performance of orthogo- nally reinforced concrete slabs: Experimental investigation	Engineering Structures	Elsevier, Vol. 168, pp. 69–81	01.08.2018	https://doi.org/10.1016/j.engstruct.2018.04.058	

No.	Authors	Title	Journal	Publisher and Details	Date	Digital Version	Notes
JC-37	Schranz Bernhard, Shahverdi Moslem, Czaderski Christoph and Vogel Thomas	Bond behaviour of ribbed near-surface-mounted iron-based shape memory alloy bars with short bond lengths	Materials and Design	Elsevier, Vol. 191, 108647, 17 pp.	June 2020	https://doi.org/10.1016/j.matdes.2020.108647	
JC-38	Schranz Bernhard, Czaderski Christoph, Vogel Thomas and Shahverdi Moslem	Bond investigations of prestressed, near-surface-mounted, ribbed memory-steel bars with full bond length	Materials and Design	Elsevier, Vol. 196, 109145, 20 pp.	September 2020	https://doi.org/10.1016/j.matdes.2020.109145	
JC-39	Mozaffari Salma, Akbarzadeh Masoud and Vogel Thomas	Graphic statics in a continuum: Strut-and-tie models for reinforced concrete	Computers & Structures	Elsevier, Vol. 240, 106335, 18 pp.	November 2020	https://doi.org/10.1016/j.compstruc.2020.106335	

Other Journal Items

No.	Authors	Title	Journal	Publisher and Details	Date	Digital Version	Notes
OJE-01	Vogel Thomas	Prof. Bruno Thürlimann gestorben	Bauingenieur	Springer-VDI, Band 83, Heft 10, p. 458	Oktober 2008		
OJE-02	Vogel Thomas	IABSE, a Framework for New Challenges	Structural Engineering International (SEI)	Vol. 19, No. 3, p. 233	August 2009	https://doi.org/10.2749/101686609788957955	
OJE-03	Vogel Thomas and Høj Niels Peter	Rockfall protection Introduction	Structural Engineering International (SEI)	Vol. 19, No. 3, p. 304	August 2009	https://doi.org/10.2749/101686609788957801	
OJE-04	Vogel Thomas	Prof. Dr. Christian Menn verstorben	Bauingenieur	Springer-VDI, Band 93, Heft 12, p. 491	Dezember 2018		

Other Publications

No.	Authors	Title	Publication	Publisher and Details	Date	Digital Version	Notes
OP-01	Vogel Thomas	Externe Vorspannung – Eine Standortbestimmung	Festschrift Prof. Jörg Schneider zum 60. Geburtstag	IBK Publikation SP-001, pp. 41-43	Mai 1994		siehe auch JC-02
OP-02	Vogel Thomas	Die Stahlbetonbauweise am Beispiel der Sihlpost von Maillart bis heute	Die Zürcher Sihlpost: eine Baudokumentation	Marti, Bauunternehmung AG, Zürich, pp. 45-56	Dezember 1994		
OP-03	Vogel Thomas und Kalak Joseph	Der Adlertunnel Muttenz der Bahn 2000	Festschrift Prof. Dr. Hugo Bachmann zum 60. Geburtstag	IBK Publikation SP-004, pp. 129-134	September 1995		
OP-04	Vogel Thomas	Das Vorbild	Katalog, 'Christian Menn – Brückenbauer', Gesellschaft für Ingenieurbaukunst, Band 3	Birkhäuser Verlag Basel, Boston, Berlin, pp. 35-37	1997		siehe auch BO-01
OP-05	Vogel Thomas	Erwartungen an die Bauinformatik aus dem konstruktiven Ingenieurbau	Festschrift Prof. Dr. Edoardo Anderheggen zum 60. Geburtstag	IBK Publikation SP-007, pp. 37-42	Juni 1999	https://doi.org/10.3929/ethz-a-003832642	
OP-06	Vogel Thomas	Avalanche Scenarios for Alpine Highway Bridges	Abnormal Loading on Structures – Experimental and numerical modelling	Virdi, K. S. et al. (ed.), E&FN Spon, London, 2000, pp. 1-11	2000		
OP-07	Vogel Thomas, Böhni Hans und Girmscheid Gerhard	Conservation of Highway bridges	Annual Report 2000	D-BAUG, pp. 6-8	2000	https://ethz.ch/content/dam/ethz/special-interest/baug/departement/departement/dokumente/jahresberichte/baug_report_2000.pdf	

No.	Authors	Title	Publication	Publisher and Details	Date	Digital Version	Notes
OP-08	Köppel Stefan und Vogel Thomas	Schallemissionsanalyse zur Untersuchung von Stahlbetontragwerken – Acoustic emission analysis for the assessment of reinforced concrete structures	Betonbau in der Schweiz – Construction en béton en Suisse – Structural concrete in Switzerland	fib-CH, SIA, Zürich, pp. 24-29	2002		
OP-09	Vogel Thomas	Planmässige Auswechslung eines externen Spannglieds – Deliberate replacement of a tendon of an externally post-tensioned bridge	Betonbau in der Schweiz – Construction en béton en Suisse – Structural concrete in Switzerland	fib-CH, SIA, Zürich, pp. 30-34	2002		
OP-10	Vogel Thomas (Hrsg.)	Grundlagen der Projektierung von Tragwerken, Einwirkungen auf Tragwerke – Einführung in die Normen SIA 160 und 261	SIA-Dokumentation D 0181/d	SIA, Zürich, 109 pp.	März 2003		
OP-11	Vogel Thomas (edit.)	Bases pour l'élaboration des projets de structures porteuses, Actions sur les structures porteuses – Introduction aux normes SIA 260 et 261	Documentation SIA D 0181/f	SIA, Zurich, 111 pp.	Mai 2003		
OP-12	Vogel Thomas (Hrsg.)	Einführung in die Vornorm SIA 166 Klebebewehrungen	SIA-Dokumentation D 0209/d	SIA, Zürich, 66 pp.	August 2004		
OP-13	Vogel Thomas, Marti Peter and Mojsilovic Nebojsa (edit.)	Proceedings 6th International PhD Symposium in Civil Engineering	IBK Publication SP-015	IBK, 169 pp.	August 2006	https://doi.org/10.3929/ethz-a-005274579	
OP-14	Vogel Thomas	Zustandsbeurteilung von Brücken bei deren Abbruch – Condition Assessment of Bridges during their Demolition	Betonbau in der Schweiz – Construction en béton en Suisse – Structural concrete in Switzerland	fib-CH, SIA, Zürich, pp. 18-23	2006		

No.	Authors	Title	Publication	Publisher and Details	Date	Digital Version	Notes
OP-15	Vogel Thomas und Fehlmann Patrick	Versuche und physikalisches Berechnungsmodell zur Ermüdung von Stahlbetonbrücken – Tests on and physical calculation model for fatigue in reinforced concrete bridges	Betonbau in der Schweiz, Construction en béton en Suisse – Structural concrete in Switzerland	fib-CH, SIA, Zürich, pp. 29-34	2014		

Patents

None

Presentations

Separate list, not published

Research Data

Not published

Theses

Separate list

Working Papers/Reports

No.	Authors	Title	Publication	Publisher and Details	Date	Digital Version	Notes
WP-01	Schenkel Marcus und Vogel Thomas	Versuche zum Verbundverhalten von Bewehrung bei mangelhafter Betondeckung	IBK Bericht Nr. 228	Birkhäuser, Basel, 92 pp.	Mai 1997	https://doi.org/10.3929/ethz-a-001800366	
WP-02	Köppel Stefan und Vogel Thomas	Feldversuch Steilerbachbrücke	IBK Bericht Nr. 231	Birkhäuser, Basel, 66 pp.	Sept.1997	https://doi.org/10.3929/ethz-a-001853810	
WP-03	Vogel Thomas	Zustandsbeurteilung von Stahlbetontragwerken – Erkennen von potentiell spröden und plötzlichen Versagen bei Stahlbeton-Strassenbrücken Evaluation de l'état des structures en béton – Détection de potentielles défaillances soudaines et fragiles de ponts routiers en béton	Forschungsauftrag Nr. 87/95, Bericht Nr. 540	UVEK, Bundesamt für Strassen, 94 pp.	Juni 1999	http://www.mobilityplatform.ch/de/webviewer/download/2560/dHash/90c7e211c8d71d39e74be09db2958580819c55fd/?tu=0	
WP-04	Zwicky Daia und Vogel Thomas	Bruchversuche an ausgebauten Brückenträgern aus Spannbeton	IBK Bericht Nr. 258	Birkhäuser, Basel, 167 pp.	November 2000	https://doi.org/10.3929/ethz-a-004179647	
WP-05	Köppel Stefan und Vogel Thomas	Schallemissionsmessungen bei Versuchen an Stahlbeton	IBK Bericht Nr. 259	Birkhäuser, Basel, 164 pp.	November 2000	https://doi.org/10.3929/ethz-a-004179654	
WP-06	Zwicky Daia und Vogel Thomas	Beurteilung der Tragsicherheit bestehender Strassenbrücken – Vorfabrizierte Spannbetonträger als einfache Balken Evaluation de la sécurité structurale des ponts-routes existants – Poutres simples préfabriquées en béton précontraint	Forschungsauftrag Nr. 1999/163 (93/99), Bericht Nr. 569	EVED, Bundesamt für Strassen, 143 pp.	März 2003	https://www.mobilityplatform.ch/fileadmin/mobilityplatform/normenpool/20578_569_Inhalt.PDF	
WP-07	Kott Alexander und Vogel Thomas	Versuche zum Trag- und Resttragverhalten von Verbundsicherheitsglas	IBK Bericht Nr. 296	vdf Hochschulverlag AG an der ETH Zürich, 141 pp.	April 2006	https://doi.org/10.3929/ethz-a-005287655	

No.	Authors	Title	Publication	Publisher and Details	Date	Digital Version	Notes
WP-08	Fricker Stefan und Vogel Thomas	Feldversuche mit dem akustischen Überwachungssystem SoundPrint Essai in situ avec le système de surveillance acoustique SoundPrint Site installation and testing of the acoustic monitoring system SoundPrint	Forschungsauftrag Nr. AGB 2002/009 Bericht Nr. 609	UVEK, Bundesamt für Strassen (ASTRA), Bern, 92 pp.	Februar 2007	http://www.mobilityplatform.ch/de/webviewer/download/2782/dHash/f70901352d6545c499a4bc5ae2f3cc9ca780fea7/?tu=0	
WP-09	Vogel Thomas und Bargähr Reto	Zustandserfassung von Brücken bei deren Abbruch (ZEBRA) Evaluation de l'état de ponts pendant leur démolition (ZEBRA) Condition Survey of Bridges during their Demolition (ZEBRA)	Forschungsauftrag AGB 1998/101 (86/98) Bericht Nr. 608	UVEK, Bundesamt für Strassen (ASTRA), Bern, 187 pp	November 2006	http://www.mobilityplatform.ch/de/webviewer/download/2779/dHash/c61e796c71643ffa7c9c9152a688e6cc2c85a155/?tu=0	
WP-10	Vogel Thomas, Jauslin+Stebler Ing. AG, Synaxis AG, Diggelmann+Partner AG und Hoj Consulting GmbH	Sicherheit des Verkehrssystems Strasse und dessen Kunstbauten; – Baustellensicherheit bei Kunstbauten – Sécurité sur les chantiers d'ouvrages d'art – Safety on construction sites of highway structures	Forschungsauftrag Nr. 2005/110, Bericht Nr. 626	UVEK, Bundesamt für Strassen (ASTRA), Bern, 119 pp	Dezember 2009	https://www.mobilityplatform.ch/fileadmin/mobilityplatform/normenpool/20636_626_Inhalt.pdf	

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WP-11	Fricker Stefan, Vogel Thomas, Ungricht Heidi und Hunkeler Fritz	Akustische Überwachung einer stark geschädigten Spannbetonbrücke und Zustandserfassung beim Abbruch Surveillance acoustique d'un pont de béton précontraint et évaluation de l'état pendant son démolition Acoustic monitoring of a prestressed concrete bridge and its condition survey during demolition	Forschungsauftrag AGB 2005/014 Bericht Nr. 643	UVEK, Bundesamt für Strassen (ASTRA), Bern, 111 pp.	Juni 2010	http://www.mobilityplatform.ch/de/webviewer/download/4543/dHash/3bc856353fb7bd977dfef67f6aed15b5a8054128/?tu=0	
WP-12	Vogel Thomas, Zwicky Daia, Joray Dominic, Diggelmann Martin und Høj, Niels Peter	Sicherheit des Verkehrssystems Strasse und dessen Kunstbauten – Tragsicherheit der bestehenden Kunstbauten – Sécurité structurale des ouvrages d'art existants – Structural safety of existing highway structures	Forschungsauftrag AGB 2005/107 Bericht Nr. 623	UVEK, Bundesamt für Strassen (ASTRA), Bern, 279 pp.	Dezember 2009	http://www.mobilityplatform.ch/de/webviewer/download/2830/dHash/9d539013e2333be6c3a9ef695cb4c27761a6c300/?tu=0	
WP-13	Fehlmann Patrick, Wolf Thomas und Vogel Thomas	Versuche zum Ermüdungsverhalten von Stahlbetonbrücken	IBK Bericht Nr. 332	vdf Hochschulverlag AG an der ETH Zürich, 95 pp	Mai 2011	https://doi.org/10.3929/ethz-a-006598176	
WP-14	Diamantidis Dimitris and Vogel Thomas	Designing for Robustness Chapter 7 in Canisius G.(edit.): Structural robustness design for practising engineers	Faber M. H. (edit.): Final Report COST Action TU0601 Robustness of Structures	Czech Technical University, Prague, Czech Republic, C.65-C.83	2011	http://webarchiv.ethz.ch/cost-tu0601/Documents/Final%20Report/COST_TU0601_structural_robustness_design_practising_engineers_Version1_2-11Sept11.pdf	

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WP-15	Wolf Thomas und Vogel Thomas	Detektion von Betonstahlbrüchen mit der magnetischen Streufeldmethode Détection de ruptures dans l'armature avec la méthode de contrôle par flux de fuite magnétique Detection of reinforcement breaks with the magnetic flux leakage method	Forschungsauftrag Nr. 2009/006, Bericht Nr. 652	UVEK, Bundesamt für Strassen (ASTRA), Bern 102 pp.	August 2013	https://www.mobilityplatform.ch/fileadmin/mobilityplatform/normenpool/21451_652_Inhalt.pdf	
WP-16	Röthlin Christina, Kurihashi Yusuke, Yamaguchi Satoru, Konno Hisashi, Kishi Norimitsu and Vogel Thomas	Drop Weight Tests on Full-Scale Specimen of Rockfall Protection Galleries	IBK Bericht Nr. 362	Institut für Baustatik und Konstruktion der ETH Zürich, Zürich, 396 pp.	Oktober 2015	https://doi.org/10.3929/ethz-a-010562994	
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WP-18	Diederich Holger und Vogel Thomas	Zerstörungsfreie Prüfung der Bewehrung von Betonbauteilen mithilfe der magnetischen Streufeldmethode Non-destructive testing of reinforcing steel in concrete elements with the magnetic flux leakage method Analyse non-destructive de l'armature d'éléments en béton à l'aide de la méthode de contrôle par flux de fuite magnétique	Forschungsauftrag AGB 2013/004 Bericht Nr. 681	UVEK, Bundesamt für Strassen (ASTRA), Bern, 131 pp.	Dezember 2016	https://www.mobilityplatform.ch/fileadmin/mobilityplatform/normenpool/21651_681_Inhalt.pdf	
WP-19	Röthlin Christina, Vogel Thomas, Custer Rocco und Schubert Matthias	Grundlagen zur Überprüfung von Steinschlagschutzgalerien Principes de l'examen et du dimensionnement des galeries de protection lors de chutes de blocs Principles of examination and dimensioning of rockfall protection galleries	Forschungsauftrag Nr. 2011/014, Bericht Nr. 697	UVEK, Bundesamt für Strassen (ASTRA), Bern, 314 pp.	August 2019	https://www.mobilityplatform.ch/fileadmin/mobilityplatform/normenpool/21746_FB-697_Inhalt.pdf	