

FY 2016 ITIL

No.	Category	Authors	Title	Journal / Book	Publication / ISBN	Date	Others (Venue)
1	International Conference	Tomoki Shiotani	Assessment of Ageing Infrastructures with Innovative NDT	BIT's 2nd Annual World Congress of Smart Materials-2016	Smart Materials	March 04-06, 2016	Abstract (Singapore)
2	Academic Journal	塩谷 智基	AEなど弾性波手法による土木構造物の健全性評価 -インフラアセットマネジメントに資する先端非破壊技術-	検査技術	日本工業出版	April, 2016	論文
3	International Conference	Norihiko Ogura, Hitoshi Yatsumoto, Tomoki Shiotani	A Study on Evaluation of Damage in Concrete of Reinforced Concrete Slabs Bonded with Steel Plates Utilizing Temporary Set Anchors	2016 KSMI A Celebration of the 20th Anniversary of the Founding International Conference	Korea Institute for Structural Maintenance and Inspection	April 06-08, 2016	abstract (Korea : Jeju-do)
4	International Conference	Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Kazuo Watanabe, Hirokazu Miyata	Evaluation of Fatigue Damage for RC Bridge Deck with Elastic Wave Velocity and AE Activity	2016 KSMI A Celebration of the 20th Anniversary of the Founding International Conference	Korea Institute for Structural Maintenance and Inspection	April 06-08, 2016	abstract (Korea : Jeju-do)
5	International Conference	Yoshikazu Kobayashi, Takumi Ishitsuka, Yusuke Namiki, Kenichi Oda, Masayuki Watanabe	Characteristic of Neutron Beam Permeability to Concrete	2016 KSMI A Celebration of the 20th Anniversary of the Founding International Conference	Korea Institute for Structural Maintenance and Inspection	April 06-08, 2016	abstract (Korea : Jeju-do)
6	International Conference	Chien-wen Huang, Tomoki Shiotani, Takahiro Nishida, Tsangouri Eleni, Dimitrios G Aggelis	Evaluation of Autonomously Healed Concrete Beams under Repeated Bending Load Monitored by Digital Image Correlation and Acoustic Emission Tomography Techniques	2016 KSMI A Celebration of the 20th Anniversary of the Founding International Conference	Korea Institute for Structural Maintenance and Inspection	April 06-08, 2016	abstract (Korea : Jeju-do)
7	Academic Journal	西田孝弘 皆川浩 斎藤豪 山路徹	海洋環境に27年間曝露した海水練りコンクリートの物性評価	セメント・コンクリート No.831	一般社団法人セメント協会	May, 2016	Paper
8	International Symposium	Katsufumi Hashimoto, Tomoko Fukuyama, Yunmi Kim, Yuuji Ushiwatari, Masakazu Sakou	Frequency Spectrum Analysis on Acoustic Data of Hammering Test for Deteriorated RC Member	International Symposium on Concrete and Structures for Next Generation: Ikeda & Otsuki Symposium (IOS2016)		May 16-18, 2016	Proceedings (Tokyo)
9	International Symposium	Takahiro Nishida, Nobuaki Otsuki, Hiroshi Minagawa	Temperature Dependency of Deterioration Process due to Chloride Attack	International Symposium on Concrete and Structures for Next Generation: Ikeda & Otsuki Symposium (IOS2016)		May 16-18, 2016	Proceedings (Tokyo)
10	International Conference	Masayasu Ohtsu, Rui-Ping Wang, Yosuke Sato	On-site Assessment of Damage for Infra-Dock of Concrete Structures	Structural Faults & Repair-2016 Conference	University of Edinburgh	May 17-19, 2016	Proceedings (Scotland: Edinburgh)
11	International Conference	Hisafumi Asaue, Tomoki Shiotani, Takahiro Nishida, Kazuo Watabe, Hirokazu Miyata	Applicability of AE Tomography for Accurate Damage Evaluation in Actual RC Bridge Deck	Structural Faults & Repair-2016Conference	University of Edinburgh	May 17-19, 2016	Proceedings (Scotland: Edinburgh)
12	International Conference	Tomoki Shiotani, Takahiro Nishida, Huang Chien-Wen, Hisafumi Asaue, Toyooki Miyagawa, Shogo Furuno, Keichi Hirano, Yoshikazu Kobayashi,	Internal Visualization of Deteriorated RC Piers due to ASR Using 3D Elastic Wave Tomography	Structural Faults & Repair-2016 Conference	University of Edinburgh	May 17-19, 2016	Proceedings (Scotland: Edinburgh)
13	International Conference	Yoshikazu Kobayashi, Tomoki Shiotani	Two-dimensional Q Value Tomography & ITS Verification Based on Numerical Investigations	Structural Faults & Repair-2016 Conference	University of Edinburgh	May 17-19, 2016	Proceedings (Scotland: Edinburgh)
14	International Conference	Tetsuya Suzuki, M.C. Forde, Masayasu Ohtsu	Detection of Local Cracking Damage of In-service Concrete by AE & X-Ray CT	Structural Faults & Repair-2016Conference	University of Edinburgh	May 17-19, 2016	Proceedings (Scotland: Edinburgh)
15	International Conference	Yoshikazu Kobayashi, Tomoki Shiotani	AE-Tomography for Identifying Q-Value and Elastic Wave Velocity distributions	58th Acoustic Emission Working Group Meeting	Drexel University	May 22-25, 2016	abstract (USA : Philadelphia)
16	International Conference	Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Yoshikazu Kobayashi, Toyooki Miyagawa	Damage Evaluation of RC Bridge Piers Due to Alkali-Aggregate Reaction with AE Tomography	58th Acoustic Emission Working Group Meeting	Drexel University	May 22-25, 2016	abstract (USA : Philadelphia)
17	講習会	塩谷智基 渡辺博志 吉松慎哉 徳光卓 藤原保久 廣瀬誠 湯浅康史 宮川豊章	点検診断技術の最前線ー予防保全を見据えた合理的なメンテナンスサイクルの実現を目指してー	第44回PC技術講習会(2016)	公益社団法人プレストレスコンクリート工学会	June, 2016	(日本:東京、大阪等複数ヶ所にて開催) http://www.jpoci.or.jp/参照
18	International Conference	Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Kai-Chun Chang, Yoshikazu Kobayashi,	Interpretation of Fatigue Damage Evolution in RC Slabs by Means of Innovative 3D AE Tomography	FraMCoS-9 The 9th International Conference on Fracture Mechanics of Concrete and Concrete Structures	IA-FraMCoS	May 29-June.01 2016	abstract (USA : California, Berkeley)
19	International Conference	Tomoki Shiotani, Artur Sagradyan,	Detection of Corrosion in Prestressing Reinforcing Bars Caused by Incomplete Grouting by Means of EW Tomography in Combination with MFL Method	FraMCoS-9 The 9th International Conference on Fracture Mechanics of Concrete and Concrete Structures	IA-FraMCoS	May 29-June.01 2016	abstract (USA : California, Berkeley)
20	Domestic Conference	西田孝弘、塩谷智基、麻植久史、古野昌吾	ASRにより劣化したコンクリート橋脚の三次元弾性波トモグラフィによる内部損傷評価	コンクリート工学年次論文集、第38巻	公益社団法人日本コンクリート工学会	July 06-08, 2016	Paper (Fukuoka)
21	Domestic Conference	塩谷智基、麻植久史、西田孝弘、宮田弘和	AE法およびAEトモグラフィにより推定された実橋梁RC床版の損傷検証	コンクリート工学年次論文集、第38巻	公益社団法人日本コンクリート工学会	July 06-08, 2016	論文 (Fukuoka)
22	International Conference	Yoshikazu Kobayashi, Tomoki Shiotani	Two-Dimensional Q-Value AE-Tomography and Its Verification on Numerical Investigations	32nd European Conference on Acoustic Emission Testing (EWGAE 2016)	(printed version) 978-80-214-5386-9 (electronic version) 978-80-214-5385-2	September 07-09, 2016	Proceedings (Czech Republic: Prague)
23	International Conference	Takahiro Nishida, Tomoki Shiotani, Hisafumi Asaue, Artur Sagradyan	Evaluation of Internal Defects of Reinforced Concrete Columns by means of AE Tomography	32nd European Conference on Acoustic Emission Testing (EWGAE 2016)	(printed version) 978-80-214-5386-9 (electronic version) 978-80-214-5385-2	September 07-09, 2016	Proceedings (Czech Republic: Prague)
24	International Conference	Norihiko Ogura, Hitoshi Yatsumoto, Tomoki Shiotani	Internal Concrete Inspection and Evaluation Methods for Steel Plate-Bonded Slabs by Using Elastic Waves via Anchor	32nd European Conference on Acoustic Emission Testing (EWGAE 2016)	(printed version) 978-80-214-5386-9 (electronic version) 978-80-214-5385-2	September 07-09, 2016	Proceedings (Czech Republic: Prague)
25	International Conference	Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Takuya Maeshima	Quantification of Fatigue Damage Evaluation in RC Slabs During Wheel Loading Test by means of 3D AE Tomography	32nd European Conference on Acoustic Emission Testing (EWGAE 2016)	(printed version) 978-80-214-5386-9 (electronic version) 978-80-214-5385-2	September 07-09, 2016	Proceedings (Czech Republic: Prague)
26	研究発表	塩谷智基 麻植久史 西田孝弘 宮田弘和	AE法およびAEトモグラフィにより推定された実橋梁RC床版の損傷検証	セメント・コンクリート関西発表会 2016	公益社団法人日本コンクリート工学会 近畿支部	2016.09.16	pp.43-pp.48
27	International Conference	SHIOTANI Tomoki, NISHIDA Takahiro, ASAUE Hisafumi, MIYAGAWA Toyooki, FURUNO Shogo, HIRANO Keichi	Damage Visualization of AAR-Deteriorated RC Bridges by Means of AE Tomography	Asia-pacific Conference on Fracture and Strength 2016 (APCFS 2016)	The Japan Society of Mechanical Engineers	September 19-22, 2016	abstract (Toyama : Japan)
28	Domestic Conference	Hisafumi Asaue, Tomoki Shiotani, Nishida Takahiro, Taku Maejima	Evaluation of Damage Evolution in RC Deck with Wheel Running Test by Three Dimensional AE Tomography	JSNDI Fall Conference 2016	The Japan Society for Non-Destructive Inspection	October 06-07 2016	abstract (Miyagi : Japan)
29	Domestic Conference	Katsufumi Hashimoto, Tomoki Shiotani, Takahiro Nishida Hirokazu Miyata	Relation between AE Activity and Internal Damage Evaluated by X-ray Computed Tomography	JSNDI Fall Conference 2016	The Japan Society for Non-Destructive Inspection	October 06-07 2016	abstract (Miyagi : Japan)
30	Domestic Conference	Takahiro Nishida Tomoki Shiotani Katsufumi Hashimoto Junichi Kagawa	Evaluation of Crack Injection Repairing by Means of Elastic Wave Tomography	JSNDI Fall Conference 2016	The Japan Society for Non-Destructive Inspection	October 06-07 2016	abstract (Miyagi : Japan)
31	Domestic Conference	Yoshikazu Kobayashi Tomoki Shiotani	Two-dimensional Q Value Tomography for Structural Health Monitoring	JSNDI Fall Conference 2016	The Japan Society for Non-Destructive Inspection	October 06-07 2016	abstract (Miyagi : Japan)
32	Domestic Conference	Hisafumi ASAUE, Tomoki SHIOTANI, Takahiro NISHIDA, Takuya MAESHIMA	Evaluation of Damage Evolution in RC Deck with Wheel Running Test by AE Tomography	Proceedings of the Concrete Structure Scenarios, JSMS Vol.16	The Society of Materials Science, Japan	October 2016	Proceedings (Kyoto:Japan)
33	Domestic Conference	Katsufumi HASHIMOTO, Tomoko FUKUYAMA, Yunmi KIM, Yuuji USHIWATARI, Masakazu SAKOU	Fundamental Study for Quantification on Audio Data Frequency Analysis of Hammering Test	Proceedings of the Concrete Structure Scenarios, JSMS Vol.16	The Society of Materials Science, Japan	October 2016	Proceedings (Kyoto:Japan)
34	Domestic Conference	Takahiro Nishida, Tomoki SHIOTANI, Chien-wen Huang, Hitoshi YATSUMOTO, Norihiko OGURA	Development of Elastic Wave Tomography Method for Inside of Concrete Evaluation using Drilling Halls	Proceedings of the Concrete Structure Scenarios, JSMS Vol.16	The Society of Materials Science, Japan	October 2016	Proceedings (Kyoto:Japan)
35	International Conference	Shigeyuki Nagase, Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Artur Sagradyan	Evaluation of Grouting Condition of Post-Tensioned Concrete by Using Spectral Ration	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
36	International Conference	Takahiro Nishida, Tomoki Shiotani, Hisafumi Asaue, Takuya Maejima, Yoshikazu Kobayashi	Damage Evaluation of RC Bridge Deck under Wheel Loading Test by Means of AE Tomography	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
37	International Conference	Norihiko Ogura, Hitoshi Yatsumoto, Takahiro Nishida, Tomoki Shiotani	Development of an Internal Concrete Damage Evaluation Technique for Steel Plate-Bonded Slabs	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
38	International Conference	Artur Sagradyan, Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Yoshikazu Kobayashi	Evaluation of Grouting Condition of Prestressing Reinforcement by Means of Wave Velocity Tomography	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
39	International Conference	Hisafumi Takamine, Kazuo Watabe, Hirokazu Miyata, Hisafumi Asaue, Takahiro Nishida	Efficient Damage Inspection of Deteriorated RC Bridge Deck with rain-induced AE Activity	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
40	International Conference	Yoshikazu Kobayashi, Tomoki Shiotani	Three-Dimensional Q-value AE-Tomography and Its Verification on Numerical Investigation	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
41	International Conference	Clement Granier, Tomoki Shiotani, Katsufumi Hashimoto, Takahiro Nishida	Visualization of Internal Damage in RC slab with Single Side Access Attenuation Tomography	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
42	International Conference	Hisafumi Asaue, Tomoki Shiotani, Takahiro Nishida, Chien Wen Huang, Y. Kobayashi	Evaluation of Water Leakage Repair by One Side Access Elastic Wave Tomography Using Rayleigh Wave	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
43	International Conference	Takeshi Watanabe, Yoshikazu Yamaguti, Narumi Mori, Chikanori Hashimoto, Tomoki Shiotani	Detection of Elastic Waveform Parameter to Evaluate Deterioration of Concrete	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
44	International Conference	Kohhei Nishiyama, Takeshi Watanabe, Kazutoshi Nakayama, Chikanori Hashimoto, Tomoki Shiotani	Evaluations of Crack due to Drying Shrinkage in mortar and Concrete by AE method	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
45	International Conference	Masato Fukuda, Tomoki Shiotani, Takahiro Nishida, Hisafumi Asaue, Kazuo Watabe, Yoshikazu Kobayashi	Damage Evaluation for In-field RC Bridge Deck by AE Tomography	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
46	International Conference	Hitoshi Yatsumoto, Takahiro Nishida, Tomoki Shiotani, Chien-wen Huang, Norihiko Ogura Yoshikazu Kobayashi	Development of Elastic Wave Tomography Method for Evaluation of Internal Concrete using Drilling Holes	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
47	International Conference	Nobushiro Okude, Takahiro Nishida, Tomoki Shiotani	A Basic Study of Elastic-Wave Based Inspection echnique for Evaluating Rebar-Concrete Interface Conditions	IAES-23, IIIAE2016Kyoto and ICAE-8	JSNDI and IIIAE	2016.12.5-9	Proceedings (Kyoto:Japan)
48	Invited Paper	Ohtsu Masayasu	Toward Establishment of Infra-Dock of On-Site NDT in Concrete Structures	JOURNAL OF STRUCTURES AND MATERIALS IN CIVIL ENGINEERING (Number 32, 2016)	Kyushu Association for Bridge and Structural Engineering & JSCE	2016.12.29	Paper