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**Marija Strojnik Scholl
Gonzalo Páez**
Editors

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The CID Number appears on each page of the manuscript. The complete citation is used on the first page, and an abbreviated version on subsequent pages. Numbers in the index correspond to the last two digits of the six-digit CID Number.

Contents

v	<i>Authors</i>
vii	<i>Conference Committee</i>
ix	<i>Introduction</i>

SESSION 1	INFRARED INSTRUMENTS I
9219 02	The GOSAT / TANSO interferometer after five years on orbit (Invited Paper) [9219-1]
9219 04	Onboard infrared signal processing system for asteroid sample return mission HAYABUSA2 [9219-3]
9219 06	Advancements in large-format SiPIN hybrid focal plane technology [9219-26]
SESSION 2	INFRARED INSTRUMENTS II
9219 07	CO₂ phase and amplitude spectra measured over 2 km outdoor path with a dual-comb spectrometer [9219-5]
9219 08	AeroADL: applying the integration of the Suomi-NPP science algorithms with the Algorithm Development Library to the calibration and validation task [9219-7]
9219 09	Excellent approach to modeling urban expansion by fuzzy cellular automata: agent base model [9219-8]
SESSION 3	TECHNOLOGY FOR INFRARED INSTRUMENTS
9219 0A	Advanced simulation methods to detect resonant frequency stack up in focal plane design (Invited Paper) [9219-9]
9219 0B	Cryogenic filter wheel design for an infrared instrument [9219-11]
9219 0C	Preliminary study of the Suomi NPP VIIRS detector-level spectral response function effects for the long-wave infrared bands M15 and M16 [9219-12]
SESSION 4	REMOTE SENSING OF ACOUSTIC OR VIBRATION SIGNALS USING NON-TRADITIONAL DOMAINS
9219 0D	Investigating potential correlations between jet engine noise and plume dynamics in the hypertemporal infrared domain [9219-13]
9219 0E	Detecting small surface vibrations by passive electro-optical illumination [9219-14]

- 9219 OF **Feasibility considerations for a long-range passive vibrometer** [9219-15]
- 9219 OG **A passive optical technique to measure physical properties of a vibrating surface (Invited Paper)** [9219-16]

POSTER SESSION

- 9219 OH **Spectroscopic measurement of ignition parameters in forest fuel** [9219-17]
- 9219 OI **Supercontinuum spectrum in IR Bessel-Gauss and Gauss pulsed beam filament under anomalous group velocity dispersion in fused silica** [9219-18]
- 9219 OJ **Stand-off and up-close Raman detection of nitrates buried in sand and soils** [9219-19]
- 9219 OL **3D shape measurement with binary phase-shifted technique and digital filters** [9219-21]
- 9219 OM **Gray coded trapezoidal fringes for 3D surface-shape measurement** [9219-22]
- 9219 ON **Evaluate the effective of annular aperture on the OTF for fractal optical modulator** [9219-23]
- 9219 OO **A near infrared-based downhole water-cut meter using neural network** [9219-25]
- 9219 OP **A monolithic deformable mirror with latchable mechanical actuation (LATCHAMAN) for space-borne telescopes** [9219-32]

Authors

Numbers in the index correspond to the last two digits of the six-digit citation identifier (CID) article numbering system used in Proceedings of SPIE. The first four digits reflect the volume number. Base 36 numbering is employed for the last two digits and indicates the order of articles within the volume. Numbers start with 00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 0A, 0B...0Z, followed by 10-1Z, 20-2Z, etc.

Adams, Craig, 0A	Khajavigodellou, Yousef, 09
Alesheikh, Ali A., 09	Kielkopf, John, 0G
Azcue, Joaquín, 0B	Kilcoyne, S., 06
Balderas-Mata, Sandra E., 0L, 0M	Knobel, Kimberly, 0D
Barragan, R. C., 0H	Kobayashi, Hitomi, 0P
Baumann, E., 07	Kompanets, V. O., 0I
Bibb, Jonathan, 0J	Kotani, Takayuki, 0P
Brown, K., 06	Legarda-Saenz, Ricardo, 0L
Buoni, Matthew, 0E	Lopez, Gerardo, 0D
Cantrell, J., 06	Malone, Neil R., 06, 0A
Cao, Changyong, 0C	Marchant, Alan, 0F
Carretero, Angel, 0B	Masuda, Tetsuya, 04
Chapi, Kamran, 09	Meier, L., 06
Chekalin, S. V., 0I	Meribout, M., 0O
Chiourn, Surath, 0A	Mitsui, Kenji, 0P
Clark, Frank O., 0G	Mohammed, Abdulrazak A. S., 09, 0N
Cline, Jason, 0G	Monono, Belther, 0J
Cobb, Christopher, 0A	Moreau, Louis, 02
Coddington, I., 07	Muñoz-G., J. Antonio, 0M
Cromer, C., 07	Najarro, Francisco, 0B
Cunio, Phillip M., 0D, 0F	Newbury, N. R., 07
DeWalt, S., 06	Okada, Norio, 0P
Dokukina, A. E., 0I	Okada, Tatsuaki, 04
Drab, J., 06	Otake, Hisashi, 04
Drechsler, William, 0A	Padula, Francis, 0C
Enya, Keigo, 0P	Paloczi, G., 06
Fajardo, Armando, 0A	Parlato, Russell, 0A
Farley, Carlton, III, 0J	Penney, Ryan, 0G
Fierro, J., 06	Pereira, Wellesley E., 0E, 0F, 0G
Fish, Chad, 0F	Pérez, Oscar G., 0M
Flores, Jorge L., 0H, 0L, 0M	Pintado, Jesús Martin, 0B
Fukushima, Mitsuhiro, 0P	Polo, Cristina, 0B
Funase, Ryu, 04	Ramos, Gonzalo, 0B
Garcia-Cervera, Carlos, 0E	Randolph, Max, 0A
García-Torales, G., 0H, 0L, 0M	Reina, Manuel, 0B
Giorgetta, F. R., 07	Rieker, G. B., 07
Gonzalez, Luis Miguel, 0B	Rodriguez-Rivas, Antonio, 0H
Gram, G., 06	Sabau, Maria Dolores, 0B
Haze, Kanae, 0P	Sadate, Sandra, 0J
Hewitt, C., 06	Sánchez, Antonio, 0B
Hihara, Hiroki, 04	Sano, Junpei, 04
Houchin, J. S., 08	Sharma, Anup, 0J
Iwase, Kaori, 04	Silva, Adriana, 0L
Iwashita, Hikaru, 0P	Sinclair, L. C., 07
Kandidov, V. P., 0I	Smetanina, E. O., 0I
Kassu, Aschalew, 0J	Soto, Horacio, 0M
Kataza, Hirokazu, 0P	Suto, Hiroshi, 02
Kawakami, Satoko, 04	Swann, W. C., 07
Kean, B., 06	Swinehart, Robert, 0A

Takada, Jun, 04
Takahashi, Aoi, 0P
Torres, Josefina, 0B
Torres, Raymond, 0A
Vampola, John, 06, 0A
Veilleux, James, 02
Villanueva, Carlos, 0B
Wager, Jason, 0D
Weber, Reed A., 0D, 0E
Witt, William, 0J
Wyles, J., 06
Yamamuro, Tomoyasu, 0P
Yao, Jie, 0F
Zolot, A. M., 07

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Introduction

Once again, the conference on Infrared Remote Sensing and Instrumentation was held in San Diego, California, forming a part of the annual SPIE Optics + Photonics meeting, 16–21 August 2014. SPIE is a technical society dedicated to the advancement of science and engineering through the use of light. We completed the 22nd in the series of these conferences, being among the longest running conferences at the annual meeting. The next meeting will be held again in San Diego during August 2015.

On behalf of the readers of the proceedings, and especially on our own behalf, we wish to express our most profound appreciation to the authors-presenters and the lively audience who had more questions than we were able to accommodate during the sessions. The atmosphere at this conference proves that face-to-face discussions between the presenter and the curious listeners is needed for a true exchange of information, including, occasionally, a difference of opinion. Such lively discussion makes personal participation mandatory.

Nearly 25 papers were presented in this conference, with truly international scientific participation. A couple of presentations were cancelled with advanced warning, so alternate plans were put into action. The majority of presenters found the requisite time to write their research accomplishments up in a technical paper and submit their work for inclusion in the proceedings for future reference. Their work may also be downloaded from the SPIE Digital Library. The SPIE Digital Library continues to expand and offer more benefits to SPIE members, proceedings and journals authors, and readers.

Within the last few years, in the SPIE call-for-papers, there has been inserted a little advisory that all papers are reviewed by the chairs and members of the technical committee. Many SPIE participants used to make an assumption that this is just pro-forma, so our conferences would “look good”. The truth is that each paper is read carefully by at least one chair, for as long as we have been involved in these activities. The conference organization attracts a person who is interested in many subjects, and who enjoys reading about new technology, engineering, and science. The papers at our conference have historically been of the highest levels, so the suggestions have to do mostly with formatting: maybe the European author forgot that the European paper size is different from that in the US, or the format changed automatically because computers know everything better. We believe that one more look at the final accomplished work makes the paper even better, and the conference proceedings book becomes even more useful as a reference.

Special thanks must be extended to the SPIE staff for providing friendly guidance and organizational support to meet all the deadlines. Organizing a technical conference and publishing Proceedings involves the hard work of a team of dedicated and knowledgeable people whose discrete advice to the chairs makes a conference a success. We thank them for their efficient assistance.

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