

PUBLICATIONS ET PRÉSENTATIONS TECHNIQUES



2023



MEMS SENSORS TECHNICAL CONGRES 2023 - PRESENTATION «HOW A MORE HOLISTIC APPROACH TO FABRICATION WILL ENABLE BETTER AND MORE COMPLEX SENSORS»

Karel Côté

2022



SYSTEM AND METHOD FOR MEDICAL ULTRASOUND WITH MONITORING PAD AND MULTIFUNCTION MONITORING SYSTEM -WO2022170439A1, AUGUST 18TH, 2022.

M. Valois, J-F. Lanctot, H. Douville

2022



PRÉSENTATION TECHNIQUE LORS DU LAB2FAB SEMINAR

«TAKING YOUR MEMS AND PHOTONIC CHIPS TO ANOTHER LEVEL WITH C2MI» ATELIER AU LAB2FAB

Karel Côté

2022



FLEX CONFERENCE & EXHIBITION DANS LE CADRE DU SEMICON WEST 2022

PRÉSENTATION : «COPPER HYBRID PRINTING SOLUTION FOR FLEXIBLE ELECTRONIC MANUFACTURING».

Christophe Sansregret

2022



CPES SYMPOSIUM 2022

PRESENTATION OF C2MI'S CAPABILITIES IN HYBRID PRINTING SOLUTIONS USING COP.

Christophe Sansregret

2021



IDTECHEX - ICEHET EXPRESS CONFERENCE

PRINTED AND FLEXIBLE ELECTRONICS FOR AUTOMOTIVE APPLICATIONS: TECHNOLOGIES AND MARKETS

Christophe Sansregret

2021



CORRÉLATION DES MESURES DE DÉFORMATION ET DE TEMPÉRATURE LOCALES EN MICROSCOPIE CONFOCALE RAMAN

Aura D. Lubio, Andreas Dörfler, Julien Plathier, Thomas Dequivre, Gitanjali Kolhatkar, Serge A. Charlebois, Andreas Ruediger

2021



EXPERIMENTAL PROTOCOLS FOR POLYMERIC BINDER SELECTION IN THE BINDER JETTING OF METALLIC PARTICLES IN THREE-DIMENSIONAL PRINTING (MÉMOIRE DE MAITRISE, POLYTECHNIQUE MONTREAL)

Yanez Sanchez, S. I.

2021



THIN FILMS RESIDUAL STRESS PROFILE EVALUATION USING TEST MICROSTRUCTURES: ILLUSTRATED ON AN EXAMPLE OF ALN FILM JOURNAL OF VACUUM SCIENCE AND TECHNOLOGY B: NANOTECHNOLOGY AND MICROELECTRONICS DOI:10.1116/6.0001032 MAY 2021

Parsoua A. Sohi, Irina Stateikina, Mojtaba Kahrizi

2021



A SIMPLE APPROACH FOR SCALING THE HIGH HARMONIC GENERATION CUT-OFF

ADV. PHOTONICS RES.,2, 2100113

Katherine Légaré, Reza Safaei, Guillaume Barrette, Loïc Arias, Philippe Lassonde, Heide Ibrahim, Boris Vodungbo, Emmanuelle Jal, Jan Lüning, Nicolas Jaouen, Zhensheng Tao, Andrius Baltuška, François Légaré, Guangyu Fan

2020

















SYSTEM AND METHOD FOR MEDICAL ULTRASOUND WITH MONITORING PAD

PCT/CA2020/051108, August 12th, 2020.

M. Valois, J-F. Lanctot, H. Douville et al.



- 2020**  **HIGH ENERGY REDSHIFTED AND ENHANCED SPECTRAL BROADENING BY MOLECULAR ALIGNMENT**
G Fan, R Safaei, O Kwon, V Schuster, K Légaré, P Lassonde, A Ehteshami, **L. Arias**, A Laramée, J Beaudoin-Bertrand, J Limpert, Z Tao, M Spanner, B E Schmidt, H Ibrahim, A Baltuška, F Légaré Opt. Lett. 45, 3013-3016.
- 2020**  **GREEN BODY STRENGTH IN BINDER JETTING THREE-DIMENSIONAL PRINTING -**
CONFERENCE CCEC 2020 MONTREAL
S.I. Yanez Sanchez, A. Goffin, D. Sclachter, S. Hosseini Rad, M. Lennox, B.D. Favis, D. Therriault. J.R. Tavares
- 2020**  **INFLUENCE OF VACUUM ON STAINLESS STEEL 316L SINTERING IN METALLIC ADITIVE MANUFACTURING THROUGH BINDER JETTING.** - CONFERENCE CCEC 2020 MONTREAL
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- 2020**  **APPLICATION OF MACHINE LEARNING TO PREDICT THE DENSITY OF BINDER-JET 3D PRINTED PARTS**
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- 2020**  **FEW-CYCLE YB LASER SOURCE AT 20 KHZ USING MULTIDIMENSIONAL SOLITARY STATES IN HOLLOW-CORE FIBERS.** - OPT. LETT, 47, 3612-3615
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DOI:10.4071/2380-4505-2019.1.000609 *OCTOBER 31ST, 2019*
C. Marsan-Loyer, C. Sansregret
- 2019**  **UTILISATION DU VIDE DANS LES PROCÉDÉS LIQUIDES DE MICROFABRICATION DE MEMS**
Irina Stateikina
- 2019**  **IMAPS CONGRESS - PRESENTATION D'ESSAIS «RELIABILITY OF PRINTED WIREBOND»**
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