

P_01.	<u>Patrycja Śpiewak</u> , M. Wasiak and R. P. Sarzała	Łódź University of Technology	Computer analysis of capacitance phenomena in nitride VCSELs
P_02.	<u>Dominika Dąbrowka</u> , R.P. Sarzała, M. Wasiak, A. Kafar, P. Perlin	Łódź University of Technology	Two-dimensional array with surface light emission based on nitride EEL lasers
P_03.	<u>Krzysztof Ryczko</u> and Grzegorz Sęk	Wrocław University of Science and Technology	Designing the active region of mid-infrared emitting interband cascade lasers on InP substrat
P_04.	<u>Katarzyna Pieniak</u> , G. Sobczak, K. Krajewska, D. Niewczas, P. Gutowski, I. Sankowska, A. Kuźmicz, K. Bracha, D. Pierścińska and K. Pierściński	Łukasiewicz - Institute of Microelectronics and Photonics	Optimalization of active region designe of Mid-IR Quantum Cascade Lasers
P_05.	<u>Herbert Maczko</u> , L. Leguay, N. Mitsui, M. C. da Silva Figueira, T. Sato, T. Grange, A. Trellakis, A. Schliwa, S. Birner	nextnano GmbH	AlGaN UV LED Design Optimisation with the nextnano++ Software
P_06.	<u>Mikołaj Janczak</u> , R. Smolin, J. Andrzejewski, A. Musiał, S. Bauer, V. I. Sichkovskiy, J. P. Reithmaier, W. Rudno-Rudziński	Łódź Universty of Technology	Threshold currents optimization of quantum-cascade vertical-cavity surface-emitting lasers
P_07.	<u>Maja Wasiluk</u> , R. Smolin, J. Andrzejewski, A. Musiał, S. Bauer, V. I. Sichkovskiy, J. P. Reithmaier, W. Rudno-Rudziński	Wrocław University of Science and Technology	Influence of quantum well transition energy on emission from quantum dots in tunnel injection structures
P_08.	<u>Michał Rygała</u> , T. Smołka, A. Schade, A. Bader, T. Huber, S. Kuhn, T. Czystzanowski, A. Pfenning, F. Hartmann, S. Höfling, G. Sęk, M. Motyka	Wrocław University of Science and Technology	GaSb- And GaSb/AlAsSb-Based Monolithic High Contrast Gratings for Mid-Infrared Laser Applications
P_09.	M. Mikulicz, <u>Marek Burakowski</u> , T. Smołka, M. Rygała, M. Badura, A. Łozińska, D. Radziewicz, A. Wolf, M. Emmerling, B. Ściana, S. Höfling, M. Janczak, T. Czystzanowski, M. Motyka	Wrocław University of Science and Technology	The Optical Studies of Mid Infrared Predicted Bragg Reflectors And Monolithic High Contrast Gratings
P_10.	<u>Tristan Smołka</u> , M. Rygała, M. Motyka	Wrocław University of Science and Technology	Studies of InAsSb Based p-i-n Heterostructures – The Influence Of Auger Processes Suppression On Optical Properties For Application As Active Medium In Infrared Lasers
P_11.	<u>Bartosz Kamiński</u> , A. Zielińska, A. Musiał, N. Heermeier, S. Rodt, S. Reitzenstein, G. Sęk	Wrocław University of Science and Technology	Optical properties of quantum dot active region and distributed Bragg reflector based cavities for near infrared vertical-cavity surface-emitting lasers (VCSELs)
P_12.	<u>Agata Zielińska</u> , Anna Musiał, Paweł Wyborski, Mateusz Kuniej, Tobias Heuser, Nicole Srocka, Jan Große, Johann P. Reithmaier, Mohamed Benyoucef, Sven Rodt, Stephan Reitzenstein, Wojciech Rudno-Rudziński, and Grzegorz Sęk	Wrocław University of Science and Technology	Experimental method for determination of temperature dependence of refractive indices of compound semiconductors
P_13.	<u>Krzysztof Michalak</u> , J. Branias, G. Sobczak, E. Papis-Polakowska, M. Nagowski, A. Kuźmicz, D. Pierścińska, K. Pierściński and Stefan Berger	Łukasiewicz – Institute of Microelectronics and Photonics	Comparison of gold wire ribbon bonding and ball bonding results in quantum cascade lasers
P_14.	<u>Joanna Branias</u> , K. Michalak, G. Sobczak, E. Papis-Polakowska, K. Krajewska, L. Rządca, A. Kuźmicz, D. Pierścińska and K. Pierściński	Łukasiewicz – Institute of Microelectronics and Photonics	Component assembly and hermetic sealing of High Heat Load housing for quantum cascade lasers
P_15.	<u>Katarzyna Krajewska</u> , G. Sobczak, A. Kuźmicz, P. Gutowski, K. Chmielewski, D. Pierścińska, K. Michalak, J. Branias, K. Pierściński	Łukasiewicz – Institute of Microelectronics and Photonics	Collimation and Astigmatism Reduction in QCL Mid-IR Beam with Commercially Available Optics
P_16.	<u>Nasibeh Haghighi</u> , <u>Lars Warnatz</u> , Philip Moser, Andre Maaßdorf, Deepak Prasai, Jessica Behrchen, and Markus Weyers	Ferdinand-Braun-Institut gGmbH	Static comparison of circle versus slot geometry top-emitting oxide confined 940nm VCSELs
P_17.	<u>Nasibeh Haghighi</u> , Maciej Dems, and James A. Lott	Technical University Berlin	Correlating measured infrared VCSEL optical mode emission wavelengths to 2D PLaSK simulations
P_18.	<u>Maciej Pieczarka</u> , Paweł Wyborski, Artur Broda, Jan Muszalski, Tomasz Czystzanowski	Wrocław University of Science and Technology	Testing the thermalization of light in InGaAs/GaAs quantum wells and optically pumped VCSELs
P_19.	<u>Krzysztof Bracha</u> , K. Chmielewski, G. Sobczak, D. Pierścińska, A. Kuźmicz, K. Pierściński	Łukasiewicz – Institute of Microelectronics and Photonics	Rapid and cost-effective fabrication of first-order distributed feedback grating for quantum cascade lasers
P_20.	Jan Muszalski, Grzegorz Sobczak, Krzysztof Bracha, Krzysztof Hejduk, Aleksandr Kuźmicz	Łukasiewicz – Institute of Microelectronics and Photonics	Reversed epitaxy for photonic crystal – preliminary results