

Grgec Bermanec, Lovorka; Katic, Marko; Zvizdic, Davor; Characterization of gas pressure balances at LPM. // Measurement, 136 (2019), 689-693 doi: 10.1016/j.measurement.2018.10.070

Sestan, Danijel; Grgec-Bermanec, Lovorka; Zvizdic, Davor; Improved method for pressure measurement in saturation chamber of primary dew/frost point generators. // Measurement, 133 (2019), 162-167 doi:10.1016/j.measurement.2018.09.051

Šestan, Danijel; Zvizdić, Davor; Šariri, Kristina; New Submersed Chamber for Calibration of Relative Humidity Instruments at HMI/FSB-LPM. // International journal of thermophysics. 39 (2018), 2.

Sestan, Danijel; Zvizdic, Davor; Grgec-Bermanec, Lovorka; Experimental Method for Determination of Self- Heating at the Point of Measurement. // International journal of thermophysics, 38 (2017), 9; 132, 11 doi:10.1007/s10765-017-2268-9

Zvizdić, Davor; Heinonen, Martti; Sestan, Danijel; Investigation of Primary Dew-Point Saturator Efficiency in Two Different Thermal Environments. // International journal of thermophysics. 36 (2015), 8; 2215-2230

Zvizdić, Davor; Šestan, Danijel; Zinc-Filled Multi-entrance Fixed Point. // International journal of thermophysics. 36 (2015), 2/3; 336-346

Heinonen, Martti; Zvizdić, Davor; Šestan, Danijel; Final report on EURAMET.T-K6.1: Bilateral comparison of the realisations of local dew/frost-point temperature scales in the range -70 °C to +20 °C. // Metrologia. 50 (2013); 03009-03010

Zvizdić, Davor; Heinonen, Martti; Šestan, Danijel; New Primary Dew-Point Generators at HMI/FSB-LPM in the Range from -70 °C to +60 °C. // International journal of thermophysics. 33 (2012), 8/9; 1536-1549

Bojkovski, Jovan; Veliki, Tomislav; Drnovšek, Janko; Zvizdić, Davor; Bilateral Comparison of Mercury and Gallium Fixed-Point Cells Using Standard Platinum Resistance Thermometer. // International journal of thermophysics. 32 (2011), 7; 1544-1552

Heinonen, Martti; Zvizdić, Davor; Šestan, Danijel; Intercomparison of the Dew-Point Temperature Realizations at LPM and MIKES in the Range from -70 °C to +20 °C. // International journal of thermophysics. 33 (2011), 8/9; 1451-1457

Krizmanić, Severino; Veliki, Tomislav; Zvizdić, Davor; Modeling of Transient Heat Transfer in Zinc Fixed-Point Cell. // International journal of thermophysics. 32 (2011), 1; 326-336

Mladen Bezjak; Davor Zvizdic; Dynamic Measurements of the Thermal Conductivity of Insulators// International Journal of Thermophysics. 32 (2011); 1467-1478

Edler, F.; Anagnostou, M.; Bojkovski, J.; Gaita, S.; García, C.; Grudniewicz, E.; Helgesen, F.; Ivarsson, J.; Pauza, A.; Rosenkranz, P.; Smid, M.; Weckström T.; Zvizdić, Davor; Intercomparison of Copper Fixed-Point Cells by Using Pt/Pd Thermocouples. // International Journal of Thermophysics. 29 (2008), 1; 171-180

Zvizdić, Davor; Veliki, Tomislav; Multi-Entrance Fixed Points as an Alternative to the Equalizing Block. // International Journal of Thermophysics. 29 (2008), 5; 1808-1816

Proceedings of 9th International Symposium on Temperature and Thermal Measurements in Industry and Science / Volume 1 / Zvizdić, Davor (Editor). / Zagreb: Faculty of Mechanical Engineering and Naval Architecture, 2005.

Proceedings of 9th International Symposium on Temperature and Thermal Measurements in Industry and Science / Volume 2 / Zvizdić, Davor (Editor). / Zagreb: Faculty of Mechanical Engineering and Naval Architecture, 2005.

Zvizdić, Davor; Veliki, Tomislav; Grgec Bermanec, Lovorka; Realization of the Temperature Scale in the Range from 234.3 K (Hg Triple Point) to 1084.62°C (Cu Freezing Point) in Croatia. // International Journal of Thermophysics. 29 (2008), 3; 984-990

Zvizdić, Davor; Grgec Bermanec, Lovorka; Ružinski, Nikola; NDT and Characterization of Low Gauge Pressure Gas Sensors. // Insight. 42 (2000), 9; 608-611

Filtz, J-R; Hay, B; Arifovic, N; Sadli, M; Faillieu, G; Mac Lochlainn, D; Bojkovski, J; Boles, S; Bourson, F; Cohodarevic, S et al.; Speeding-up Scientific Knowledge Transfer and Improvement of Capabilities of emerging European National Metrology Institutes and Designated Institutes in the field of thermal measurements: Benefits and Impacts. // Journal of Physics: Conference Series, 1065 (2018), 022001, 4 doi:10.1088/1742-6596/1065/2/022001

Hodžić, N; Čohodarević, S; Jandrić, N; Strnad, R; Zvizdić, D; Šestan, D; Fernicola, V; Smargon, D; Iacomini, L; Simić, S; Mac Lochlainn, D; Karaboce, N; Oguz Aytekin, S; Bojkovski, J; Hudoklin, D; Petrušova, O; Vukičević, T; Improving emerging European NMIs' capabilities in humidity measurement. // Journal of Physics: Conference Series. 1065 (2018)

Šestan, D; Smargon, D; Rothmund, P; Iacomini, L; Šariri, K; Fernicola, V; Zvizdić, D; Hodžić, N; Development and preliminary investigation of a modular chamber for calibration of relative humidity instruments. // Journal of Physics: Conference Series. 1065 (2018)

Zvizdić, Davor; Grgec Bermanec, Lovorka; Šestan, Danijel; Distributed structure of Croatian metrology institute. // Journal of Physics: Conference Series. 1065 (2018)

Grgec Bermanec, Lovorka; Zvizdic, Davor; Interlaboratory comparison in the pressure range from 0 to 2 MPa for accredited calibration laboratories. // International Journal of Metaology and Quality Engineering, 6 (2015), 3; 307-p1 doi:10.1051/ijmqe/2015021

Grgec Bermanec, Lovorka; Zvizdic, Davor; Simunovic, Vedran; Development of Method for Determination of Pressure Balance Piston fall Rate. // ACTA IMEKO The e-Journal of the International Measurement Confederation (IMEKO), 3 (2014), 2; 44-47

Grgec Bermanec, Lovorka; Zvizdic, Davor; Praštalo, Nikola; Interlaboratory comparison in the range from 0 to 2 MPa for Croatian accredited laboratories. // Proceedings of 4th International Metrology Conference / Charki, A. (ur.). Marrakech: CAFMET, 2012. 6.1-6.5

Zvizdić, Davor; Grgec Bermanec, Lovorka; Analysis of Surface Temperature Measurement Errors in Vertical Natural Convection Cooled Channels. // American Institute of Physics conference proceedings. 7 (2003), 2; 1103-1108

Zvizdić, Davor; Šerfezi, Damir; Grgec Bermanec, Lovorka; Bonnier, Georges; Renaot, Eliane; Estimation of Uncertainties in Comparison Calibration of Thermocouples. // TEMPERATURE: Its Measurement and Control in Science and Industry. Volume 7 (2003), Part 1; 529-534

Zvizdić, Davor; Grgec Bermanec, Lovorka; HMI – Scientific and/or basic metrology. // Svijet po mjeri. 1 (2013); 35-39

Zvizdić, Davor; Global educational programme for the national authorization service // DZNM glasilo. 6 (1998), 5-6; 103-105

Narcisa Arifovic, Danijel Sestan, Davor Zvizdic, Nedzadeta Hozic, Emese Turzo-Andras, Semir Cohodarevic, Radek Strnad, Karsten Opel, Dimitru Neagu, Constantin Bordianu, Snezana Spasova and Tanja Vukicevic; A new EMPIR Project “MetForTC” for Developing Traceable Measurement Capabilities for Monitoring Thermocouple Performance // Proceedings of the 19th International Congress of Metrology, 18006 (2019)

Arifovic, Narcisa; Sestan, Danijel; Zvizdić, Davor; Filtz, Jean-Remy; Failleau, Guillaume; Čohodarević, Semir; Hodžić, Nedžadeta; Čorman Teymur, Alev; Jandrić, Nebojša; Simić, Slavica; MacLochlainn, Dubholtach; Bojkovski, Jovan; Drnovšek, Janko; Home-made software development for optimizing the uncertainty evaluation of silver fixed point cell used for practical realization of ITS-90 // Proceedings of the 18th International Congress of Metrology / Corleto, Cosimi (ur.). Paris: EDP Sciences, 2017. 1-7

Hodžić, Nedžadeta; Čohodarević, Semir; Jandrić, Nebojša; Strnad, Radek; Šestan, Danijel; Zvizdić, Davor; Fornicola, Vito; Smorgon, Denis; Iacomini, Luigi; Simić, Slavica; MacLochlainn, Dubholtach; Karaboce, Nuray; Oguz Aytekin, Seda; Bojkovski, Jovan; Hudoklin, Domen; Petrušova, Olgica; Vukičević, Tanja; Expansion of European research capabilities in humidity measurement // Proceedings of the 18th International Congress of Metrology / Corleto, Cosimi (ur.). Paris : EDP Sciences, 2017. 1-4

Drobac, Đuro; Sović, Ivica; Šariri, Kristina; Šestan, Danijel; Zvizdić, Davor; Laboratory measurement of energy dissipation of the seismic soliton wave at fracture // XXI IMEKO World Congress - Full Papers / Holub, Jan (ur.). Prague: Czech Technical University of Prague, Faculty of Electrical Engineering, 2015. 1820-1822

Filtz, Jean-Remy; Arifovic, Narcisa; Sadli, Mohamed; Failleau, Guillaume; Hay, Bruno; Mac Lochlainn, Dubholtach; Blahut, Ales; Bojkovski, Jovan; Hodzic, Nedzadeta; Knazovicka, Lenka; Milosevic, Nenad; Simic, Slavica; Šestan, Danijel; Strnad, Radek; Thurzo-Andras, Emese; Zvizdić, Davor; Development of new traceable European capabilities in thermal metrology // Proceedings of the 17th International Congress of Metrology / Larquier, Bernard (ur.). Paris: EDP Sciences, 2015. 1-4

Bojkovski, Jovan; Arifović, Narcisa; Kartal Dogan, Aliye; Kalemci, Murat; Petruševa, Olgica; Simić, Slavica; Veliki, Tomislav; Zvizdić, Davor; Drnovšek, Janko; Comparison of the Realizations of the ITS-90 over the Range from 83.8058 K to 692.677 K // Temperature: Its Measurement and Control in Science and Industry, Volume 8 / Proceedings of the Ninth International Temperature Symposium / Christopher W. Meyer (ur.). Melville, New York: AIP Publishing, 2013. 813-818

Zvizdic, Davor; Heinonen, Martti; Sestan, Danijel; PRIMARY DEW-POINT GENERATION BETWEEN 1°C AND 60°C AT LPM. // 20th IMEKO World Congress 2012; Red Hook, NY 12571 USA: Curran Associates, Inc., 2013.

Zvizdić, Davor; Šestan Danijel; Hysteresis of thin film IPRTs in the Range 100 °C to 600 °C // Temperature: Its Measurement and Control in Science and Industry, Volume 8 / Proceedings of the Ninth International Temperature Symposium / Christopher W. Meyer (ur.). Melville, New York: AIP Publishing, 2013. 445-450

Zvizdić, Davor; Šestan Danijel; Tin-Filled Multi-Entrance Fixed Point // Temperature: Its Measurement and Control in Science and Industry, Volume 8 / Proceedings of the Ninth International Temperature Symposium / Christopher W. Meyer (ur.). Melville, New York : AIP Publishing, 2013. 259-264

Zvizdić, Davor; Grgec Bermanec, Lovorka; Safety Systems Based on ND Pressure Monitoring // 9th European Conference on NDT Conference Proceedings/Link, Reiner (ur.). Berlin: DGZfP e.V., 2006. 1-6

Zvizdić, Davor; Stasic, Tomislav; Grgec Bermanec Lovorka; CHARACTERIZATION OF LPM'S 1-T DEW POINT GENERATOR // XVIII IMEKO WORLD CONGRESS Metrology for a Sustainable Development-. Rio de Janeiro : LETRA CAPITAL Editora, 2006. 1-6

Zvizdić, Davor; Veliki, Tomislav; TESTING OF THERMOCOUPLES FOR INHOMOGENEITY // IMEKO World Congress-.Rio de Janeiro : LETRA CAPITAL Editora, 2006. 1-6

Zvizdić, Davor; Grgec Bermanec, Lovorka; Stašić, Tomislav; DEVELOPMENT OF ABSOLUTE MODE PRESSURE STANDARD IN THE RANGE FROM 25 kPa UP TO 2 MPa // Proceedings of 19th International Metrology Symposium / Boršić, Mladen ; Ilić, Damir ; Jurčević, Marko (ur.). Zagreb: IMEKO, MS, 2005. 30-34

Zvizdić, Davor; Stašić, Tomislav; Grgec Bermanec, Lovorka; PERFORMANCE OF SINGLE-TEMPERATURE (1-T) DEW POINT GENERATOR OF LPM-CROATIA // Proceedings of 9th International Symposium on Temperature and Thermal Measurements in Industry and Science / Zvizdić, Davor (ur.). Zagreb: Fakultet strojarstva i brodogradnje, 2005. 957-962

Zvizdić, Davor; Stašić, Tomislav; Veliki, Tomislav; THERMOCOUPLE INHOMOGENEITY TESTING DEVICE // Proceedings of 9th International Symposium on Temperature and Thermal Measurements in Industry and Science / Zvizdić, Davor (ur.). Zagreb: Fakultet strojarstva i brodogradnje, 2005. 951-956

Bonnier, Georges; Renaot, Eliane; Zvizdić, Davor; Grgec Bermanec, Lovorka; Veliki, Tomislav; Model for uncertainty estimation in comparison calibration of thermocouples // XVII IMEKO World Congress Metrology in the 3rd Millennium : proceedings / Ilić, Damir ; Boršić, Mladen ; Butorac, Josip (ur.). Budapest ; Zagreb: IMEKO ; Croatian Metrology Society, 2003. 1609-1615

Zvizdić, Davor; Grgec Bermanec, Lovorka; Bonnier, Georges; Renaot, Eliane; Veliki, Tomislav; Uncertainty budget of pressure balance effective area determined by comparison method // XVII IMEKO World Congress Metrology in the 3rd Millennium : proceedings / Ilić, Damir ; Boršić, Mladen ; Butorac, Josip (ur.) Budapest, Zagreb: IMEKO ; Croatian Metrology Society, 2003. 2003-2007

Zvizdic, Davor; Veliki, Tomislav; Grgec Bermanec, Lovorka; Examples of Uncertainty Asessment in Comparison Calibration of Thermocouples. // VDI-Berichte, 1784 (2003), 251-255

Bonnier, Georges; Elgourdou, Muhamed; Renaot, Ellian; Zvizdić, Davor; About the Influence of Chemical Impurities on the Gallium Temperature Fixed Point // 8th International Symposium on Temperature and Thermal Measurements in Industry and Science / Fellmuth, Bernd ; Seidel, Joachim ; Scholz, Gunter (ur.). Berlin: VDE VERLAG GMBH, 2002. 483-488

Renaout, Eliane; Elgourdou Mohamed; Bonnier, Georges; Zvizdić, Davor; POINT FIXE DU GALLIUM (29, 764°C) INFLUENCE DES IMPURETES // DU LABORATOIRE A L'INDUSTRIE / Leblois, Patric (ur.). MFQ, 2002. 1-5

Zvizdić, Davor; Šerfezi, Damir; Grgec Bermanec, Lovorka; Assessment of Temperature Field in Environmental and Thermostatic Test Chambers // 8th International Symposium on Temperature and Thermal Measurements in Industry and Science / Fellmuth, Bernd; Seidel, Joachim; Scholz, Gunter (ur.). Berlin: VDE VERLAG GMBH, 2002. 693-698

Bonnier, Georges; Zvizdić, Davor; Šerfezi, Damir; Measurement Uncertainties in Comparison Calibration Of Thermocouples // Zbornik simpozija Symposium Digest / Ilić, Damir; Boršić, Mladen; Butorac, Josip (ur.). Zagreb: Croatian Metrology Society, 2001. 62-67

Zvizdić, Davor; Grgec Bermanec, Lovorka; Šerfezi, Damir; Measurement Uncertainties in Comparison Calibration of Pressure Transducers // Zbornik simpozija Symposium Digest / Ilić, Damir; Boršić, Mladen; Butorac, Josip (ur.). Zagreb: Hrvatsko mjeriteljsko društvo, 2001. 155-159

Zvizdić, Davor; Grgec Bermanec, Lovorka; Development of 0,015 to 2 bar Gauge Pressure Standard // IMEKO 2000 Proceedings Volume III Topic 16 - Pressure and Vacuum Measurement / Osanna, P.H.; Durakbasa, M.N.; Afjehi-Sadat, A. (ur.). Wien: Austrian Society for Measurement and Automation, 2000. 527-532

Zvizdić, Davor; Ružinski, Nikola; Design of Heat Transfer Network Analogy Model for Complex Thermal Systems // Proceedings of the 6th international design conference / Marjanović, Dorian (ur.). Zagreb: Sveučilišna tiskara, 2000. 721-726

Zvizdić, Davor; Grgec Bermanec, Lovorka; Development of Pressure Sensor Testing and Calibration System // MATEST '99: Advanced NDT Techniques / Markučić, Damir (ur.). Zagreb, 1999. 41-45

Zvizdić, Davor; Kolobarić, Vladimir; Galaso, Ivan; Šerfezi, Damir; A New Two Temperature Humidity Generator as a Primary Standard for Measuring Humidity in Croatia // TEMPMEKO '99 Proceedings I / Dubbeldam, Jaco F.; de Groot, Martin J. (ur.). Delft : NMi Van Swinden Laboratorium, 1999. 203-208

Zvizdić, Davor; Galaso, Ivan; Analysis of Surface Temperature Measurement Errors in Complex Apparata by Application of Network Analogy // VDI BERICHtE 1379 TEMPERATUR'98, PTB, Berlin / Tegeler, Erich; Fischer, Joachim (ur.). Dusseldorf: VDI Verlag GmbH, 1998. 281-286

Zvizdić, Davor; Galaso, Ivan; Šerfezi, Damir; Kolobarić, Vladimir; A Hygrometer Calibration Facility Based on Two Temperature Humidity Generator // Papers and Abstracts from the Third International Symposium on Humidity&Moisture - Volume 1 / Stephanie, Bell (ur.). Teddington: NPL - National Physical Laboratory, 1998. 119-126

Zvizdić, Davor; Thermal measurements // Engineering handbook / Matutinović, Želimir (ur.). Zagreb: Školska knjiga, 1996. Str. 1035-1039.

Grgec Bermanec, Lovorka; Zvizdić, Davor; Korade Tomislav; Interlaboratory Comparison in the Range from 0 to 0, 1 MPa for Croatian Accredited Laboratories // Laboratory Competence 2013 & Regional Conformity Assessment Workshop / Margreta, Karmen ; Grgec Bermanec Lovorka (ur.). Zagreb: Croatian Laboratories CROLAB, 2013. 63-76

Grgec Bermanec, Lovorka; Zvizdić, Davor, Fortuna, Petra; Pressure Intercomparison in Gas Medium Organized by HMI/FSB-LPM and CROLAB KUL // Laboratory Competence 2011 / Margreta, Karmen ; Grgec Bermanec, Lovorka (ur.). Zagreb: CROLAB, 2011. 51-61

Zvizdic, Davor; Heinonen, Martti; Veliki, Tomislav; Sestan, Danijel; NEW PRIMARY LOW-RANGE DEW-POINT GENERATOR AT LPM. // Proceedings of XIX IMEKO World Congress Lisabon: IMEKO, 2009. 1567-1570

Zvizdic, Davor; Grgec Bermanec, Lovorka; Schultz, Wilfried; Veliki, Tomislav; Characterization of LPM diving-bell manometer. // Cultivating metrological knowledge / Jorge Torres Guzman (ur.). Merida, Meksiko, 2007.

Zvizdić, Davor; Grgec Bermanec, Lovorka; PROFICIENCY TESTING IN ACCREDITATION OF PRESSURE CALIBRATION LABORATORIES // kOMPETENTNOST IABORATORIJA 2005 / Margreta, Karmen (ur.). Zagreb: CROLAB, 2005. 215-220

Zvizdić, Davor; Grgec Bermanec, Lovorka; Education Programme for Setting up Laboratories According to EN 45001 and ISO 17025 // KBR u zaštiti okoliša NDT in environmental protection / Krstelj, Vjera (ur.). Zagreb: Hrvatsko društvo za kontrolu bez razaranja, 2001. 34

Zvizdić, Davor; Umjeravanje i homogenost temperaturnih polja u pećima // Toplinska obrada metala i inženjerstvo površina / Matijević, Božidar (ur.). Zagreb: HDTOIP, 2000. 33-42

Zvizdić, Davor; Bajzek-Brezak, Biserka; Global Education System for National Accreditation Service in the Republic of Croatia // Međunarodna konferencija / International conference MATEST'98 - produljenje vijeka trajanja / life extension / Krstelj, Vjera (ur.). Zagreb: Hrvatsko društvo za kontrolu bez razaranja, 1998. 47-52

Zvizdić, Davor; Grgec Bermanec, Lovorka; Državni etaloni tlaka i temperature Republike Hrvatske // Hrvatska normizacija i srodne djelatnosti: tehničko usklađivanje na putu prema Europskoj uniji / Radić, Jure (ur.). Zagreb: Hrvatsko društvo građevinskih konstruktora, 2003. 597-602

Zvizdić, Davor; Grgec Bermanec, Lovorka; Bajzek-Brezak, Biserka; Rukavina, Jadranka; Galjanić, Slobodan; Olujić, Branko; Program izobrazbe za potrebe Nacionalne službe za ovlašćivanje // Hrvatska normizacija i srodne djelatnosti: tehničko usklađivanje na putu prema Europskoj uniji / Radić, Jure (ur.). Zagreb: Hrvatsko društvo građevinskih konstruktora, 2003. 137-142.

Zvizdić, Davor; Short Overview of the Activities of Laboratory for Process Measurement at Faculty of Mechanical Engineering and Naval Architecture // HMD & EUROMET:Seminar i raspravljaonica Euripska mjeriteljska suradnja / European Cooperation in measurement / Boršić, Mladen ; Ilić, Damir (ur.). Zagreb: Hrvatsko mjeriteljsko društvo, Mladen Boršić - predsjednik, 1998. 84-86

Zvizdić, Davor; Developement of the National Temperature Standard In the Range From Triple Point of Water to Freezing Point of Tin // HMD & EUROMET:Seminar i raspravljaonica Euripska mjeriteljska suradnja / European Cooperation in measurement / Boršić, Mladen ; Ilić, Damir (ur.). Zagreb: Hrvatsko mjeriteljsko društvo, Mladen Boršić - predsjednik, 1998. 87-88

Zvizdić, Davor; Grgec Bermanec, Lovorka; Bajzek Brezak, Biserka; Rukavina, Jadranka; Galjanic, Slobodan; Olujic, Branko; SETTING UP LABORATORIES ACCORDING TO HRN ISO/IEC 17025 // KBR-Dostignuća i izazovi NDT-Achievments and Challenges / Krstelj, Vjera (ur.). Zagreb: STSI, 2003. 9-13

Zvizdić, Davor; Grgec Bermanec, Lovorka; Stašić, Tomislav; Measurement traceability of pressure in Croatia // KBR-Dostignuća i izazovi : zbornik = NDT-Achievments and Challenges : proceedings / Krstelj, Vjera (ur.). Zagreb : STSI, 2003. 39-45

Zvizdić, Davor; Grgec Bermanec, Lovorka; Veliki, Tomislav; MEASUREMENT TRACEABILITY OF TEMPERATURE IN CROATIA // KBR-Dostignuća i izazovi NDT-Achievments and Challenges / Krstelj, Vjera (ur.). Zagreb: STSI, 2003. 45-50