

## The Conference Picture



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The Conference will be held in Gdansk, Poland, **on 1st till 6th September 2007**. The Conference's aim is to provide an opportunity for the meeting of scientists and technologists working on novel functional and nanostructured materials.

The conference programme will cover experimental investigations, theory and modelling of:

- Photonic and optoelectronic materials,
- Magnetic materials,
- Catalytic materials,
- Nanoparticle materials,
- Auxetic materials and models,
- Thin and thick films,
- Organic, hybrid and composite materials,
- Micro/Nano Electro Mechanical Systems (MEMS/NEMS): technology and applications,
- Physics and technology of nanostructured semiconductors and superconductors,
- Physics and technology of carbon nanotubes and carbon-based materials,
- Industrial applications of nanotechnology,

The Conference is envisaged to include a Round Table Meeting of the members of the [Polish National Nanomechanics Consortium](#) and representatives of research institutes and industrial companies interested in joining the Consortium. The meeting's is intended to promote cooperation and preparation of cooperative projects, as well as applications for their funding at the national and international levels. The meetings will involve industrial partners in directing research towards major practical problems in applications of advanced innovative technologies and facilitating industrial applications of research results.

Gdansk, where the Conference will be held, is a city of more than half a million inhabitants, a strong economic, scientific and cultural centre located in the north of Poland, at the Baltic Sea (<http://www.gdansk.pl/en/>). With over a thousand years of history and its Hanseatic tradition, the city has always played a major role in the commercial relationships between the Northern and Western Europe on the one hand and the countries of the Central and Eastern Europe on the other. It is also the cradle of "Solidarity", Eastern Europe's first Independent Trade Union which triggered the historical changes in this part of the Continent in 1980.

[The Hel Peninsula](#), where the Round Table discussions and industrial presentations of 5 and 6 September are to be held, is a thin strip of scenic land, 34 km long and about 2 km wide, closing the Bay of Gdansk. It offers beautiful beaches, promenades and splendid view of the Bay and the open sea. Its ambiance will be ideal for informal meetings and discussions.



[Department of Solid State Physics](#)  
[Faculty of Technical Physics and Applied Mathematics](#)  
[Gdansk University of Technology, Poland](#)

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[Academic Computer Centre TASK](#)  
[Gdansk University of Technology, Poland](#)

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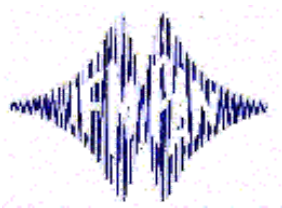
[Department of Physics,](#)  
[University of Athens, Greece](#)

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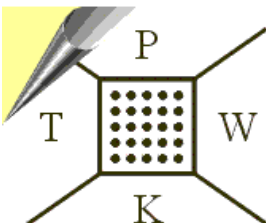
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[Polish Society for Crystal Growth](#)

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Cooperation with

- [INTEL, Poland](#)
- Jabil Circuit Poland Sp. z o.o.
- [TECHNO-SERVICE S.A., Poland](#)
- [PSSE Poland](#)

## **Honorary Chairmen**

- Sir Sam Edwards (Cambridge, England),
- J. T. Devreese (Antwerp, Belgium),
- G. J. Papadopoulos, (Athens, Greece)

## **Scientific and program committee**

- A. Alderson (Bolton, UK),
- J. Badur (Gdansk, Poland),
- A. DiCicco (Camerino, Italy),
- Yu. Feldman (Jerusalem, Israel),
- S. Glenis (Athens, Greece),
- M. Grinberg (Gdansk, Poland),
- N. Guskos (Athens, Greece) - Co-Chairman,
- I. Hatziagapiou (Athens, Greece),
- W. G. Hoover (Livermore & UCD, CA, USA)
- T. Kanaya (Kyoto, Japan),
- H. Kleinert (Berlin, Germany),
- T. Klimczuk (Los Alamos NL, USA),
- T. Krzyżyński (Koszalin, Poland),
- R. Lakes, (Wisconsin, USA),
- G. Levchenko (Donietsk, Ukraine),
- B. Maruszewski (Poznan, Poland),
- L. Murawski (Gdansk, Poland),
- U. Narkiewicz (Szczecin, Poland),
- A. G. Nasiopoulou (Athens, Greece),
- J. M. Olchowik (Lublin, Poland) - Co-Chairman,
- T. Paszkiewicz (Rzeszow, Poland),
- R. Reisfeld (Jerusalem, Israel),
- W. Ryba-Romanowski (Wroclaw, Poland),
- C. Rudowicz (Szczecin, Poland),
- J. Rybicki (Gdansk, Poland) - Chairman,
- W. Sadowski (Gdansk, Poland) - Co-Chairman,
- A. Sherman (Tartu, Estonia),
- A. Tylikowski (Warsaw, Poland)
- K. W. Wojciechowski (Poznan, Poland) - Co-Chairman

## **Industrial Advisory Board**

- A. Banaszekiewicz (ALSTOM - Poland),
- P. Gepner (INTEL Technology Poland),
- A. Gołyga (Jabil Circuit Poland Sp. z o.o.)
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- J. Mioduski (TECHNO-SERVICE S.A., Poland)
- T. Kamińska (PSSE Poland)
- A. I. Papadopoulos (Prefabricated Concrete Products, YPSONAS Ltd. Cyprus)
- B. Pohl (H. Cegielski Rolling Stock Factory Ltd., Poland)

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- M. Białoskórski (Gdansk, Poland),
- M. Bobrowski (Gdansk, Poland) - Secretary,
- J. Dziedzic (Gdansk, Poland),
- M. Nakonieczny (Gdansk, Poland),
- J. Rybicki (Gdansk, Poland),
- A. Witkowska (Gdansk, Poland) - Chairwoman

## Keynote speakers

Name and Surname	From	Title of the presentation
A. Alderson	Bolton, UK	<i>Auxetic frameworks</i>
M. Banaszak	Poznań, Poland	<i>Protein-like behavior of a single multiblock copolymer chain in selective solvent</i>
J. Barnaś	Poznań, Poland	<i>Nanomagnetism and information technologies</i>
S. Barylo	Minsk, Belarus	<i>Vanadates and cobaltates with Kagome'-like magnetic structure: crystal growth and properties</i>
A. N. Bogdanov	Dresden, Germany	<i>Reorientation effects and magnetization reversal in synthetic antiferromagnets</i>
A. Branka	Poznan, Poland	<i>Cubic crystals with a negative Poisson's ratio</i>
G. Chuiko	Kherson, Ukraine	<i>Changes of main optical gaps by crystal field linked with lattice deformations: computer evaluations for zinc and cadmium phosphides</i>
J. T. Devreese	Antwerp, Belgium	<i>Optical spectra of quantum dots: effects of non-adiabaticity</i>
S. Dmitriev	Tokyo, Japan	<i>Discrete systems free of the Peierls-Nabarro potential</i>
M. Dudek	Zielona Gora, Poland	<i>Magnetization dynamics in Landau-Lifshitz-Gilbert formulation</i>
N. Guskos	Athens, Greece	<i>Magnetic resonance studies of low concentration magnetic nanoparticles in polymer matrices</i>
J. Grima	Msida, Malta	<i>Some recent developments on systems exhibiting negative behaviour</i>
M. Grinberg	Gdańsk, Poland	<i>Impurity trapped excitons: experimental evidences and theoretical concept</i>
W. G. Hoover	Livermore & UCD, CA, USA	<i>Particle and Finite-Element Simulations for Materials</i>
B. Idzikowski	Poznan, Poland	<i>Glass forming ability of selected metallic systems</i>
A. Imre	Budapest, Hungary	<i>Solid-fluid phase transitions under extreme pressures including negative ones</i>
M. Jurczyk	Poznań, Poland	<i>Advanced nanostructured metallic composites for energy storage</i>
S. M. Kaczmarek	Szczecin, Poland	<i>Low symmetry centers in LiNbO<sub>3</sub> doped with Yb and Er</i>
J. Kalinowski	Gdańsk, Poland	<i>Double molecular excited species in optical emission from organic electroluminescent devices</i>
S. Karmanenko	St. Petersburg, Russia	<i>Ferrite-ferroelectric layered structures as microwave devices tunable through magnetic and electric fields</i>

T. Klimczuk	Los Alamos NL, USA	<i>Superconductivity in non-centrosymmetric Mg<sub>10</sub>Ir<sub>19</sub>B<sub>16</sub> compound</i>
A. Kłonkowski	Gdańsk, Poland	<i>Enhancement of Tb(III) emission in presence of Ag nanostructures in oxide xerogels</i>
K. Ławniczak-Jablonska	Warsaw, Poland	<i>Atomic order of the magnetic inclusions in semiconductors</i>
M. Makowska-Janusik	Czestochowa, Poland	<i>Mesoporous silica doped with metalloorganic functionalizing groups. Experimental and theoretical investigations</i>
B. Maruszewski	Poznań, Poland	<i>Finite Element Analysis of a deformation of an auxetic obstacle in a channel during fluid flow</i>
G. J. Papadopoulos	Athens, Greece	<i>Magnetoresistance relating to the integer Hall effect</i>
D. Petridis	Athens, Greece	<i>Extended free radical networks derived from the Condensation of Cyanuric Chloride with p-phenylenediamine</i>
R. Reisfeld	Jerusalem, Israel	<i>Nanosize particles and wires in sol gel glasses</i>
B. Rubino	L'Aquila, Italy	<i>Global existence for elastic waves with memory</i>
F. Scarpa	Bristol, UK	<i>Stochastic modelling of nanostructures: an engineering perspective</i>
H. Szymczak	Warsaw, Poland	<i>Geometrically frustrated kagome staircase lattice with chemical disorder</i>
J. Typek	Szczecin, Poland	<i>FMR and DSC study of maghemite nanoparticles in PMMA polymer matrix</i>
K.W. Wojciechowski	Poznan, Poland	<i>Elastic properties of selected models in two and three dimensions</i>

The list will be systematically updated.

## The list of participants (in alphabetic order)

Name and Surname	From	Presentation: L=lecture, O=oral, P=poster
A. Alderson	Bolton, UK	L
A. Amirabadizadeh	Birjand, Iran	O, P
E. A. Anagnostakis	Athens, Greece	P
F. Bagnoli	Florence, Italy	
M. Banaszak	Poznań, Poland	L
J. Barczyński	Gdańsk, Poland	P
J. Barnaś	Poznań, Poland	L
S. Baryło	Minsk, Belarus	O
G. Bergmański	Gdańsk, Poland	P
M. Białoskórski	Gdańsk, Poland	P
V. Bilozertseva	Kharkov, Ukraine	P
M. Bobrowski	Gdańsk, Poland	P
A. N. Bogdanov	Dresden, Germany	L
A. Branka	Poznan, Poland	L
O. Bratus	Kiev, Ukraine	P
Y. K. Chan	Hong Kong, Hong Kong	O
K. H. Chau	Hong Kong, Hong Kong	O
E. Chernonog	Krivoy Rog, Ukraine	P
V. Cherpak	Lviv, Ukraine	P
K. Cieślak	Lublin, Poland	P
G. Chuiko	Kherson, Ukraine	O
G. Cosimi	Camerino, Italy	
D. Czekaj	Sosnowiec, Poland	P
A. Dawid	Katowice, Poland	P, P
L. Demyanets	Moscow, Russia	O
Z. Dendzik	Katowice, Poland	O
J. T. Devreese	Antwerp, Belgium	L
S. Dmitriev	Tokyo, Japan	L
A. Duda	Wroclaw, Poland	O
M. Dudek	Zielona Gora, Poland	L
J. Dziedzic	Gdańsk, Poland	O, P
S. Feliziani	Camerino, Italy	
P. Fiertek	Gdansk, Poland	P, P
S. Frigio	Camerino, Italy	
W. Gac	Lublin, Poland	O, P

J. Gackowska	Gdańsk, Poland	P
M. Gazda	Gdańsk, Poland	P
S. Ghassemi	Tehran, Iran	O
B. Grabiec	Zielona Góra, Poland	P
J. Grima	Msida, Malta	L
M. Grinberg	Gdańsk, Poland	L
S. Gułkowski	Lublin, Poland	P
R. Gunnella	Camerino, Italy	L
N. Guskos	Athens, Greece	L, P, P, P
P. Hamolka	Minsk, Belarus	P
J. Haponiuk	Gdańsk, Poland	
I. Hatziagapiou	Athens, Greece	P
Wm. G. Hoover	Livermore & UCD, CA USA	L
F. Iacomi	Iasi, Romania	O
B. Idzikowski	Poznan, Poland	L
G. Ilchuk	Lviv, Ukraine	O
A. Imre	Budapest, Hungary	L
G. Jarosz	Gdańsk, Poland	P
E. Jartych	Lublin, Poland	P
I. Jóźwik	Lublin, Poland	P
M. Jurczyk	Poznań, Poland	L
S. M. Kaczmarek	Szczecin, Poland	L, P
J. Kalinowski	Gdańsk, Poland	L
S. Karmanenko	St. Petersburg, Russia	L
A. Kassiba	Le Mans, France	O
T. Kanaya	Kyoto, Japan	L
H.M. Khlyap	Drohobych, Ukraine	O, P
T. Klimczuk	Los Alamos NL, USA	L
A. Kłonkowski	Gdańsk, Poland	L
P. Kosobutskyy	Lviv, Ukraine	P
B. Kościelska	Gdańsk, Poland	P, P
M. Kośmider	Zielona Góra, Poland	P
A. Krivchikov	Kharkov, Ukraine	P
M. Kruczek	Katowice, Poland	P
R. Krutohvastov	Riga, Latvia	P
H. Krzyżanowska	Lublin, Poland	P, P
Yu. A. Kunitskiy	Kyiv, Ukraine	P, P, P, P
B. Kusz	Gdańsk, Poland	P
W. Kusnezh	Lviv, Ukraine	P



V.V. Kuznetsov	St. Petersburg, Russia	P
Ch. Y. Lam	Hong Kong, Hong Kong	O
S. Lange	Tartu, Estonia	P
L. Leontie	Iasi, Romania	P
L. Li	Moscow, Russia	O
L. Lipińska	Warsaw, Poland	O
I. E. Lipiński	Szczecin, Poland	P
B. Lipowska	Gdańsk, Poland	P
A. Lisińska-Czekaj	Sosnowiec, Poland	P
L. Longa	Cracow, Poland	L
N. Lutsyk	Lviv, Ukraine	P
K. Ławniczak-Jabłońska	Warsaw, Poland	L
S. Mahlik	Gdansk, Poland	P
M. Makowska-Janusik	Czestochowa, Poland	L
A. Malakis	Athens, Greece	P
D. Mardare	Iasi, Romania	P
B. Maruszewski	Poznań, Poland	L
M. Maryniak	Szczecin, Poland	P
C. Mita	Iasi, Romania	P
P. Moskvina	Zhitomir, Ukraine	P
S. Mudry	Lviv, Ukraine	P, P
L. Murawski	Gdańsk, Poland	P
U. Narkiewicz	Szczecin, Poland	O
J. Narojczyk	Poznań, Poland	O
Yu. M. Nizelskij	Kyiv, Ukraine	P,P
R. Nowak	Cracow, Poland	P
J. M. Olchowik	Lublin, Poland	P
M. Orłowska	Gdańsk, Poland	P
B. Padlyak	Lviv, Ukraine	O, P
A. Pajączkowska	Warsaw, Poland	P,P
M. Y. Pang	Hong Kong, Hong Kong	O
G. J. Papadopoulos,	Athens, Greece	L
T. Paszkiewicz	Rzeszów, Poland	L
T. Pikula	Lublin, Poland	O
D. Petridis	Athens, Greece	L
Y. Plevachuk	Lviv, Ukraine	P
J. Polańska	Wroclaw, Poland	P
K. Pomoni	Patras, Greece	P

V. Popovych	Drogobych, Ukraine	P
P. Potera	Rzeszów, Poland	P
V. Prisyazhnyuk	Lviv, Ukraine	P
J. Ratajski	Koszalin, Poland	P
R. Reisfeld	Jerusalem, Israel	L
P. Romiszowski	Warsaw, Poland	O
B. Rubino	L'Aquila, Italy	L
G. Rusu	Iasi, Romania	P
M. Rusu	Iasi, Romania	P
J. Rybicki	Gdańsk, Poland	P
A. Rzepka	Warsaw, Poland	P
W. Sadowski	Gdańsk, Poland	L
F. Scarpa	Bristol, UK	L
I. Shtablavyi	Gdansk, Poland	P
V. Shvets	Odessa, Ukraine	O, P
R. Signerski	Gdańsk, Poland	P
A. Sikorski	Warsaw, Poland	P
J. Siódmiak	Bydgoszcz, Poland	O
M. Soboń	Szczecin, Poland	P
A. Solodovnik	Kharkov, Ukraine	P
P. Stakhira	Lviv, Ukraine	P
Z. Surowiec	Lublin, Poland	O
K. Szaniawska	Gdańsk, Poland	P
T. Szydło	Lublin, Poland	P
H. Szymczak	Warsaw, Poland	L
K. Tretiakov	Poznań, Poland	P
K. Trzebiatowski	Gdańsk, Poland	P
T. Tsaregradskaya	Kyiv, Ukraine	P
B. Tsizh	Bydgoszcz, Poland	P
J. Typek	Szczecin, Poland	O, P, P
I. Virt	Rzeszów, Poland	P,P
A. Vomvas	Patras, Greece	P
G.-Y. Wei	Beijing, China,	L
G. Wisz	Rzeszów, Poland	P
A. Witkowska	Gdańsk, Poland	O
K.W. Wojciechowski	Poznań, Poland	L
S. Wołoszczuk	Poznań, Poland	O
B. Yatsyshyn	Ivano-Frankivsk, Ukraine	P
O. Yuzephovich	Kharkov, Ukraine	P

A. Zdyb	Lublin, Poland	P
R. Zdyb	Lublin, Poland	L
E. Żelazowska	Cracow, Poland	P
G. Żołnierkiewicz	Szczecin, Poland	P, P

#### Other participants

R. Balabay  
H. Bajtsar  
T. Esbati  
C. Hoover  
O. Kalenyk  
S. Khlyap  
R. Mardare  
O. Mykolajchuk  
E. Papadopoulos  
G. Vomvas

...

The list will be systematically updated.

Saturday, 1st

14:00 - 20:00	Welcome reception and registration
20:00 - 22:00	Get-together party

Sunday, 2nd

7:30 - 8:45 Breakfast

9:00 - 9:15 **Opening Ceremony**

**Session 1 - Chairman: K.W. Wojciechowski (Poznan, Poland)**

9:15 - 9:45 **L-01** S. Dmitriev  
*Discrete systems free of the Peierls-Nabarro potential*

9:45 - 10:15 **L-02** B. Rubino  
*Global existence for elastic waves with memory*

10:15 - 10:45 **L-03** B. Maruszewski  
*Finite Element Analysis of a Deformation of an Auxetic Obstacle in a Channel During Fluid Flow*

10:45 - 11:15 **L-04** G. J. Papadopoulos  
*Magnetoresistance relating to the integer Hall effect*

11:15 - 11:45 Coffee break

**Session 2 - Chairman: Wm. G. Hoover (Livermore & UCD, CA, USA)**

11:45 - 12:15 **L-05** M. Banaszak  
*Protein-like behavior of a single multiblock copolymer chain in selective solvent*

12:15 - 13:15 **L-28** J. T. Devreese  
*Optical spectra of quantum dots: effects of non-adiabaticity*

13:15 - 14:15 Lunch

14:15 - 15:15 Free Time / Holy Mass

**Session 3 - Chairman: G. Papadopoulos (Athens, Greece)**

15:15 - 15:45 **L-08** F. Scarpa  
*Stochastic modelling of nanostructures: an engineering perspective*

15:45 - 16:15 **L-09** W. G. Hoover  
*Particle and Finite-Element Simulations for Materials*

16:15 - 16:45 **L-10** K.W. Wojciechowski  
*Elastic properties of selected models in two and three dimensions*

16:45 - 17:15 **L-11** A. Alderson  
*Auxetic frameworks*

17:15 - 19:15 **Poster session I**

19:30 - 23:30 Bonfire Party

Monday, 3rd

7:30 - 8:45 Breakfast

**Session 4 A (Hall A) - Chairman: N. Guskos (Athens, Greece)**

9:00 - 9:30 **L-12** A A. Imre  
*Solid-fluid phase transitions under extreme pressures including negative ones*

9:30 - 10:00 **L-13** A M. Grinberg  
*Impurity trapped excitons: experimental evidences and theoretical concept*

10:00 - 10:30 **L-14** A J. Kalinowski  
*Double molecular excited species in optical emission from organic electroluminescent devices*

10:30 - 11:00 **L-06** A. Brańka  
*Cubic crystals with a negative Poisson's ratio*

**Session 4 B (Hall B) - Chairman: A. Pajęczkowska (Warsaw, Poland)**

9:00 - 9:30	<b>L-12 B</b> S. Karmanenko <i>Ferrite-ferroelectric layered structures as microwave devices tunable through magnetic and electric fields</i>
9:30 - 10:00	<b>L-13 B</b> M. Makowska-Janusik <i>Mesoporous silica doped with metalloorganic functionalizing groups. Experimental and theoretical investigations</i>
10:00 - 10:30	<b>L-14 B</b> A. Kassiba <i>Hybrid core-shell nanocomposites based on semiconducting or metallic nanocrystals surrounded by Polyaniline</i>
10:30 - 11:00	<b>L-15 B</b> R. Zdyb <i>One-and two-diemnsional Pb structures on vicinal silicon</i>
11:00 - 11:30	Coffee break

**Session 5 - Chairman: J. Kalinowski (Gdańsk, Poland)**

11:30 - 12:00	<b>L-16</b> J. Barnaś <i>Current-induced magnetic switching and dynamics in spin-valves</i>
12:00 - 12:30	<b>L-17</b> H. Szymczak <i>Geometrically frustrated kagome staircase lattice with chemical disorder</i>
12:30 - 12:45	<b>O-01</b> J. Dziejczak <i>Cross-scaled simulation methods for the investigation of nanomechanical properties of metals</i>
12:45 - 13:00	<b>O-02</b> S. Wołoszczuk <i>Phase diagram of symmetric a-b diblock copolymer solutions a lattice monte carlo simulation study</i>
13:00 - 13:15	<b>O-03</b> J. Siódmiak <i>Growing lyzosome crystals under variety of physicochemical conditions</i>
13:15 - 13:30	<b>O-04</b> P. Romiszowski <i>Properties of polymers in confinement</i>
13:30 - 15:00	Lunch

**Session 6 - Chairman: D. Petridis (Athens, Greece)**

15:00 - 15:30	<b>L-07</b> M. Dudek <i>Magnetization dynamics in Landau-Lifshitz-Gilbert formulation</i>
15:30 - 16:00	<b>L-19</b> K. Ławniczak-Jabłńska <i>Atomic order of the magnetic inclusions in semiconductors</i>
16:00 - 16:30	<b>L-20</b> R. Gunnella <i>EXAFS analysis of diluted Mn in bulk and nanostructured Ge</i>
16:30 - 16:45	<b>O-05</b> A. Witkowska <i>In situ XAS fuel cell measurement and EXAFS analysis of nano-structured Pt cathode electrocatalyst</i>
16:45 - 17:00	<b>O-06</b> V. Shvets <i>Electrical resistivity of liquid metallic hydrogen</i>
17:00 - 19:00	<b>Poster session II</b>
20:00 - ...	Conference Dinner

**Tuesday, 4th**

7:30 - 8:45	Breakfast
9:00 - 13:00	Visit at the Old Town, Gdansk
13:00 - 14:30	Lunch

**Session 7 - Chairman: K. Ławniczak-Jabłńska (Warsaw, Poland)**

14:30 - 15:00	<b>L-21</b> A. N. Bogdanov <i>Reorientation effects and magnetization reversal in synthetic antiferromagnets</i>
15:00 - 15:30	<b>L-22</b> N. Guskos

	<i>Magnetic resonance studies of low concentration magnetic nanoparticles in polymer matrices</i>
15:30 - 16:00	<b>L-23</b> S. M. Kaczmarek <i>Low symmetry centers in LiNbO<sub>3</sub> doped with Yb and Er</i>
16:00 - 16:15	<b>O-08</b> L. Demyanets <i>Zinc oxide hollow ZnO micro- and nano-structures: synthesis, morphology, growth mechanism</i>
16:15 - 16:30	<b>O-09</b> L. Li <i>Morphology-depended behavior of lasing action in ZnO-based disordered active media</i>
16:30 - 17:00	Coffee break

**Session 8 - Chairman: J. Barnaś (Poznań, Poland)**

17:00 - 17:30	<b>L-24</b> D. Petridis <i>Extended free radical networks derived from the condensation of cyanuric chloride with p-phenylenediamine</i>
17:30 - 18:00	<b>L-26</b> B. Idzikowski <i>Glass forming ability of selected metallic systems</i>

**Session 8 A (Hall A) - Chairman: B. Idzikowski (Poznań, Poland)**

18:00 - 18:15	<b>O-10</b> A G. Ilchuk <i>Vapour phase composition and mass transfer processes at growing Zn<sub>x</sub>Cd<sub>1-x</sub>Te solid solution</i>
18:15 - 18:30	<b>O-11</b> A W. Gac <i>Synthesis and physicochemical properties of noble metals and transition metal oxides confined in the silica mesoporous materials MCM-41</i>
18:30 - 18:45	<b>O-12</b> A L. Lipińska <i>Formation of the nanocrystalline yttrium aluminum garnet highly doped by neodymium via sol-gel method</i>

**Session 8 B (Hall B) - Chairman: S. Karmanenko (St. Petersburg, Russia)**

18:00 - 18:15	<b>O-10</b> B S. Ghassemi <i>A study on the percolation of carbon nanotube reinforced nanocomposites using RG theory</i>
18:15 - 18:30	<b>O-11</b> B F. Iacomi <i>Influence of substrate nature and UV-irradiation on electro-optical properties of ZnO thin films</i>
18:30 - 18:45	<b>O-12</b> B E. A. Anagnostakis <i>Semiconductor nanoheterointerface eigenstate photonic modification</i>
18:45 - 19:00	<b>O-13</b> B M. Y. Pang <i>Electrical and optical properties of bismuth telluride/gallium nitride heterojunction diodes</i>
19:00 - 20:00	Dinner

**Wednesday, 5th**

8:00 - 9:00	Breakfast
<b>Session 9 - Chairman: A. Alderson (Bolton, UK)</b>	
9:00 - 9:30	<b>L-27</b> J. Grima <i>Some recent developments on systems exhibiting negative behaviour</i>
9:30 - 9:45	<b>O-14</b> J. Narojczyk <i>Elastic properties of selected 2D and 3D model solids of soft molecules at zero temperature</i>
9:45 - 10:00	<b>O-15</b> B B. Padlyak <i>Optical spectroscopy and local structure of the Er<sup>3+</sup> luminescence centres in the glasses of CaO-Ga<sub>2</sub>O<sub>3</sub>-GeO<sub>2</sub> system</i>

10:00 - 10:15	<b>O-16 B</b> H.M. Khlyap <i>Effect of <math>\gamma</math>-irradiation on electric properties of chalcogenide semiconductor glass <math>As_2S_3</math></i>
10:15 - 10:30	<b>O-17 B</b> U. Narkiewicz <i>Temperature dependence of the FMR spectra of polymer composites with low concentration of nanocrystalline <math>Fe_3C/C</math> filler</i>
10:30 - 10:45	Coffee break
<b>Session 10 - Chairman: H. Szymczak (Warsaw, Poland)</b>	
10:45 - 11:00	<b>O-16 A</b> J. Typek <i>FMR and DSC study of maghemite nanoparticles in PMMA polymer matrix</i>
11:00 - 11:15	<b>O-18 A</b> Ch. Y. Lam <i>Characteristics of heteroepitaxial <math>Cu_{2-x}Mn_2O/Nb-SrTiO_3</math> p-n junction</i>
11:15 - 11:30	<b>O-19 A</b> A. Amirabadizadeh <i>Effect of La and Er impurities on structure and critical temperature of Bi</i>
11:30 - 11:45	<b>O-18 B</b> T. Pikula <i>Mossbauer study of nanocrystalline <math>Co_{60}Fe_{30}Ni_{10}</math> and <math>Co_{50}Fe_{35}Ni_{15}</math> alloys obtained during mechanical synthesis</i>
11:45 - 12:00	<b>O-19 B</b> Z. Surowiec <i>Magnetite nanowire in MCM-41 type mesoporous silica templates</i>
12:00	<b>Closing Ceremony</b>
13:00	Travel to the Hel peninsula
14:00	Lunch
17:00 - 19:00	Presentation of and discussion on past and current national and EU projects related to functional materials
19:00 - 20:00	Dinner

#### Thursday, 6th

8:00 - 9:00	Breakfast
9:00 - 14:00	Discussions in thematic groups / exchange of experiences
14:00 - 15:00	Lunch
15:00	Departure to Gdansk

## The Poster Sessions

There will be two poster sessions. The first will start on Sunday, 2nd at 17:00, [after the Session 3](#), and will finish around 19:00, and the second will start on Monday, 3rd at 17:00 [after the Session 6](#), and will finish around 19:00 too.

Posters The maximum area available for poster presentations is 1.0 m wide x 1.4 m high. Poster panels will be marked with numbers correlated with the Abstract Booknumbers. The title, authors' names and affiliation(s) should appear at the top of the poster. All posters should be in English. Posters will be attached to display panels by double-sided tape provided by the Organizers.

## Posters

### Session 1

- |             |   |
|-------------|---|
| <b>P-01</b> | A. Amirabadizadeh<br><i>Reduction of sintering time in preparation of high <math>T_c</math> superconductors based on Bi</i>   |
| <b>P-02</b> | J. Barczyński<br><i>Mixed conductivity in tungstenite-phosphate glasses containing alkali ions</i>  |
| <b>P-03</b> | G. Bergmański   |
| <b>P-04</b> | G. Bergmański<br><i>Local structure in liquid Ag and Cu -- a Molecular Dynamics study</i>   |
| <b>P-05</b> | M. Białoskórski   |
| <b>P-06</b> | V. Bilozertseva<br><i>Structural self-organization and electrical properties of Bi-contained thin films</i>   |
| <b>P-07</b> | M. Bobrowski<br><i>Quantum-numerical parametrization for quantum-classical hybrid methods for metals</i>  |
| <b>P-08</b> | O. Bratus<br><i>Nanocomposite <math>\text{SiO}_2(\text{Si})</math> films as a medium for nonvolatile memory</i>   |
| <b>P-09</b> | E. Chernonog<br><i>Atomic structure of silicon nitride thin film on Si(111): computer simulation</i>  |
| <b>P-10</b> | V. Cherpak<br><i>Vacuum-deposited poly(o-methoxyaniline) thin film and its structure and electronic properties</i>  |
| <b>P-11</b> | K. Cieślak<br><i>Influence of technological conditions of LPE process on the morphology of Si ELO layers</i>  |
| <b>P-12</b> | D. Czekaj<br><i>Application of impedance spectroscopy for ferroelectric thin film characterization</i>  |
| <b>P-13</b> | A. Dawid<br><i>Dynamical properties of potassium ion <math>K^+</math> trapped in fullerene <math>C_{60}</math> cage - MD simulation</i>   |
| <b>P-14</b> | A. Dawid<br><i>Dynamical and structural properties of titanium-decorated fullerene: computer simulation study</i>   |
| <b>P-15</b> | Z. Dendzik<br><i>Properties of endohedral complexes of low molecular weight systems encapsulated in carbon nanotubes - MD study</i>   |
| <b>P-16</b> | A. Duda<br><i>Effective elastic properties and strong ellipticity for two-dimensional elastic media</i>   |
| <b>P-17</b> | M. Dudek<br><i>Magnetic films of negative Poisson's ratio in rotating magnetic fields</i>   |
| <b>P-18</b> | J. Dziejczak<br><i>Degradation of nanocutting tool: MD simulation</i>   |
| <b>P-19</b> | P. Fiertek<br><i>Transport measurements of ferromagnetic-superconductor composite based on open-pore <math>\text{YBa}_2\text{Cu}_3\text{O}_{7-\sigma}</math> high-temperature superconductors</i> |



- P-20** W. Gac  
*Methane decomposition and formation of carbon filaments*
- P-21** J. Gackowska  
*The structure and electrical conductivity of reduced lead-germanate, bismuth-germanate and bismuth-silicate glasses modified with potassium*
- P-22** M. Gazda  
*Electronic conduction in (Bi,Pb)-Sr-Ca-Cu-O granular superconductors*
- P-23** B. Grabiec  
*Electronic correlations in fermionic lattice models*
- P-24** D.A. Grynko  
*Organized photoelectretic films based on carbazole polymers*
- P-25** S. Gułkowski  
*Modeling of the thin Si layers growth on partially masked Si substrate*
- P-26** N. Guskos  
*Ageing effect in nanocrystalline TiC/C studied by EPR*
- P-27** N. Guskos  
*Magnetic properties of  $TiC_x/C$  nanoparticles*
- P-28** N. Guskos  
*ESR study of the  $C_{60} \cdot 2$  ferrocene crystalline complex*
- P-29** P. Hamolka  
*Adaptation of nanoporous alumina dielectric and copper interconnections in thin film temperature microsensors*
- P-30** G. Jarosz  
*Small signal spectra of complex capacitance obtained on an organic-organic heterojunction*
- P-31** I. Jóźwik  
*Interdigitated back contact solar cells with optimized back surface passivation*
- P-32** H.M. Khlyap  
*Effect of  $\gamma$ -irradiation on electric properties of chalcogenide semiconductor glass  $As_2S_3$*
- P-33** P. Kosobutskyy  
*The method of thin films parameters modelling by spectra envelope functions of light reflection and transmission*
- P-34** B. Kościelska  
*Superconducting properties of NbN-SiO<sub>2</sub> disordered system obtained by ammonolysis of Nb<sub>2</sub>O<sub>5</sub>-SiO<sub>2</sub> sol-gel derived coatings*
- P-35** B. Kościelska  
*Structural analysis of NbN-SiO<sub>2</sub> films obtained by ammonolysis of Nb<sub>2</sub>O<sub>5</sub>-SiO<sub>2</sub> sol-gel derived coatings*
- P-36** M. Kowalik  
*Thermodynamic stability of degenerate crystal (aperiodic solid) of hard dimers in three dimensions*
- P-37** A. Krivchikov  
*Thermal conductivity of proton glassy crystal: clathrate hydrates*
- P-38** R. Krutovostov  
*Patterned test samples for scanning near-field optical microscope prepared by electron beam lithography*
- P-39** H. Krzyżanowska  
*Composition of  $Ge^+$  and  $Si^+$  implanted SiO<sub>2</sub>/Si layers: the role of oxides in nanoclusters formation*
- P-40** H. Krzyżanowska  
*Hydrogen and oxygen concentration analysis of porous silicon*
- P-41** Yu.A. Kunitskiy  
*Coherent Fourier analysis in diagnostics of amorphous and nanocrystalline materials*

- P-42** Yu.A. Kunitskiy  
*Self-organizing processes in ion-plasma condensed nanomaterials*
- P-43** Yu.A. Kunitskiy  
*Diagnostics of nanomaterials*
- P-44** W. Kusnezh  
*The thermal synthesis of CdTe films from elementary components*
- P-45** V.V. Kuznetsov  
*Balance of thermodynamic restrictions as the base for production of multicomponent nanoheterosystems*
- P-46** S. Lange  
*Luminescent properties of Sm-doped polycrystalline ZrO<sub>2</sub>*
- P-47** L. Leontie  
*Electronic transport properties of some new N-(p-R-phenacyl)-1,7-phenanthroline bromides in thin films*
- P-48** B. Lipowska  
*Luminescent materials: Tb(III) ions - nobel metal nanostructures - oxide xerogel*
- P-49** A. Lisińska-Czekaj  
*Fabrication and multi-properties of BiFeO<sub>3</sub> ceramics*
- P-50** N. Lutsyk  
*Structural transformations in thin films of the GaSb-Ge system*

## Session 2

- P-51** S. Mahlik  
*Luminescence kinetics in the silica gel doped with Tb<sup>3+</sup> ions and ZnS:Mn<sup>2+</sup> nanocrystals*
- P-52** J. Majszczyk  
*Photoacoustic spectrum of a new twelve-coordinated Ho(III) hydrazone complex*
- P-53** A. Malakis  
*The three-dimensional conserved-order-parameter Ising model with M=0.95: A Monte Carlo Wang-Landau approach*
- P-54** D. Mardare  
*TiO<sub>2</sub> thin films as sensing gas materials*
- P-55** M. Maryniak  
*Magnetic properties of PEE PEN matrix with maghemite*
- P-56** C. Mita  
*Phase separation in La<sub>0.54</sub>Sm<sub>0.11</sub>Ca<sub>0.35</sub>Mn<sub>1-x</sub>Cu<sub>x</sub>O<sub>3</sub> manganites*
- P-57** P. Moskvin  
*Thermodynamic software for obtaining Cd<sub>x</sub>Hg<sub>1-x</sub>Te solid solution for infrared optoelectronics by means of LPE*
- P-58** S. Mudry  
*Concentration fluctuations in liquid Bi-Zn alloys*
- P-59** S. Mudry  
*Phase transformations in La<sub>1-x</sub>Nd<sub>x</sub>Ni<sub>3.5</sub>Al<sub>1.5</sub>-H<sub>2</sub> (x=0.1; 0.2) system*
- P-60** Yu. M. Nizelskij  
*Dielectric relaxation polyurethane networks nanostructured in situ by metal complexes*
- P-61** Yu. M. Nizelskij  
*Nanostructurization in polyurethanes containing polymerimmobilized coordination metal complexes in situ*
- P-62** R. Nowak  
*Effects of nitrogen addition on the structure and properties of a-C:H layers on the polycarbonate substrates*
- P-63** J. M. Olchowik  
*Influence of gas atmosphere during LPE process on the morphology of Si ELO layers*

- P-64** M. Orłowska  
*Recognition materials consisting of fluoroionophores covalently grafted on mesoporous silica surface in presence of Ag nanostructures*
- P-65** B.V. Padlyak  
*The Mn<sup>2+</sup> isolated centres and clusters in Mn-doped glasses of the CaO-Ga<sub>2</sub>O<sub>3</sub>-GeO<sub>2</sub> system*
- P-66** D. Piwowarska  
*Growth, optical and magnetic properties of PbMoO<sub>4</sub> pure and doped with Co<sup>2+</sup> ions*
- P-67** Y. Plevachuk  
*Microsegregation in liquid Pb-based eutectics*
- P-68** K. Pomoni  
*Electrical conductivity and photoconductivity studies of TiO<sub>2</sub> sol-gel thin films, and the effect of N-doping*
- P-69** V. Popovych  
*Low-temperature optical spectra of CdTe thin films*
- P-70** P. Potera  
*Absorption spectra of layers of pentacene formed by PLD method*
- P-71** V. Prysyazhnyuk  
*Stability and phase changes in thin layers of binary compounds such as rare-earth metals-iron*
- P-72** J. Ratajski  
*Fuzzy logic modelling of surface treatment processes*
- P-73** G. Rusu  
*Study on the transport and optical properties of some new polysulfone-polydimethylsiloxane block copolymers in thin films*
- P-74** M. Rusu  
*Structural and optical properties of ZnO thin films deposited onto ITO/glass substrates*
- P-75** A. Rzepka  
*Sol-gel synthesis and characterization of Nd doped Y<sub>4</sub>Al<sub>2</sub>O<sub>9</sub> nanopowders*
- P-76** V. Shvets  
*Equation of state of liquid metallic hydrogen*
- P-77** R. Signerski  
*On the light intensity dependence of the short-circuit current of bilayer organic photovoltaic devices*
- P-78** A. Sikorski  
*Assembling of amphiphilic multi-arm star-branched copolymers. A computer simulation study*
- P-79** M. Soboń  
*Temperature dependence of EPR/FMR spectra of carbon coated nickel nanoparticles and TEMP spin probe dispersed in paraffin*
- P-80** A. Solodovnik  
*Role of clustering in the formation of gel-like phase of N<sub>2</sub>O condensates*
- P-81** T. Stręk  
*Finite-element analysis of deformation of auxetic plates*
- P-82** K. Szaniawska  
*Nitridation of SiO<sub>2</sub>-B<sub>2</sub>O<sub>3</sub> aerogels*
- P-83** T. Szydło  
*Hyperfine interactions in 2H13 steel subjected to ball milling*
- P-84** K. Tretiakov  
*Elastic properties of the soft sphere crystals*
- P-85** T. Tsaregradskaya  
*The theoretical researches of phase stratification process in the binary amorphous alloys*
- P-86** B. Tsizh  
*The properties of heterojunction based on ITO/poly(3,4-ethylenedioxythiophene):poly(styrenesulfonate)/pentacene/Al*

- P-87** J. Typek  
*Magnetic interactions in CrSbVO<sub>6</sub> studied by EPR*
- P-88** J. Typek  
*FMR study of gamma-Fe<sub>2</sub>O<sub>3</sub> nanoparticles in PMMA polymer*
- P-89** I. Virt  
*Application of a laser beam to fabricate self-organizing semiconductor nanostructures*
- P-90** G. Wisz  
*Growth and surface properties of pentacene films obtained by pulse laser deposition*
- P-91** B. Yatsyshyn  
*Formation and stabilization of nanocrystalline thin films*
- P-92** O. Yuzepovich  
*Magnetic-field-tuned superconductor-insulator transition in heterostructures AIVBVI with superconducting nano-scaled interface*
- P-93** A. Zdyb  
*Properties of films made from ZnS nanoparticles*
- P-94** E. Żelazowska  
*WO<sub>3</sub> based electrochromic system with hybrid organic-inorganic gel electrolytes*
- P-95** G. Żołnierkiewicz  
*Magnetic interactions at high temperatures in M<sub>3</sub>Fe<sub>4</sub>V<sub>6</sub>O<sub>24</sub> studied by EPR*
- P-96** G. Żołnierkiewicz  
*Vanadium paramagnetic centers in a new double vanadate Zn<sub>2</sub>InV<sub>3</sub>O<sub>11</sub> studied by EPR*
- P-97** M. Kruczek  
*Electronic structure of Y<sub>3</sub>Al<sub>5</sub>O<sub>12</sub>: V single crystals, comparison with sintered ceramics*

Soon will be available specific information concerning the posters (formats, display, etc.).

## Important Deadlines

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- registration and abstract submission: **15 May 2007**
- abstract acceptance: **15 June 2007**
- early payment: **30 June 2007**
- last minute registration and payment (expensive): **15 August 2007**
- paper submission: **01 September 2007**

For information about how to pay the fee follow [this link](#)

## Here are important notes for authors

### Abstracts

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Prospective participants are encouraged to submit abstracts of their papers for consideration (see on-line registration and abstract submission). Papers will be presented in oral and poster sessions (see below "Presentation modes").

Abstracts should be in English and include:

- full title of the paper
- full names of all the authors
- affiliations and addresses of all the authors
- e-mail address of the corresponding author

Abstracts should not exceed three pages (extended abstracts will be appreciated).

**Please submit your abstract as a text file in the Latex format (please use the following [template](#)) and as a ps/pdf file (see [template.ps](#), [template.pdf](#)). Please use the first author's name as a filename.**

Deadline for abstract submission: **May 15, 2007**

### Article

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The FNMA'07 proceedings will be published in special issues of international scientific journals: - about 45 "disordered" papers will appear in J. Non-Crystalline Solids, - about 45 "crystalline" papers will appear in other high-impact-factor international journal (negotiations with Physica Status Solidi and Philosophical Magazine are in progress)

Manuscripts should be submitted during the conference or e-mailed to [office@fnma07.gda.pl](mailto:office@fnma07.gda.pl).

Deadline for article submission: **September 1, 2007**

### Presentation modes

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#### Oral

Presentation with a computer and a video projector is recommended. All participants are requested to deliver their data files to a member of the LOC Staff for saving the files into the official computer as soon as they arrive but not later than the day before their presentation. The Microsoft PowerPoint, PDF and HTML formats are the only formats allowed for presentations. After loading the digital file into the official computer, participants are advised to check for any irregularities in the fonts and appearance of the presentation and make changes if necessary. It is an author's responsibility to ensure that the presentation will be displayed correctly, thus ensuring smooth presentation. If a participant happens to arrive too late to ensure that his presentation is displayed correctly, he or she should contact the area chair to make special arrangements for uploading the presentation into the appropriate conference computer.

Overhead projectors may also be used.

#### Posters

The maximum area available for poster presentations is 1.0 m wide x 1.4 m high. Poster panels will be marked with numbers correlated with the Abstract Booknumbers. The title, authors' names and

affiliation(s) should appear at the top of the poster. All posters should be in English. Posters will be attached to display panels by double-sided tape provided by the Organizers.

## Visa

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Participants from some countries will need a visa when entering Poland. Please find out early at your local Polish Embassy or Consulate the conditions for obtaining the visa.

## Deadlines

Deadline for registration and abstract submission: **15 May 2007**

Deadline for payment with reduced fee: **15 June 2007**

[More deadlines here](#)

## Notes about abstract submission

The text of the abstract should be prepared any common variant of TEX (e.g. Latex); We include [here a template](#) with the Latex file source; all you need to do is just put the text of your abstract into some marked places in the template file. Figures should be submitted as separate files, preferably in Encapsulated PostScript (EPS) or TIFF formats (300 dpi). The text and figure files should be packaged together into one archive and compressed using a common utility such as PKZip or tar + gzip. This ONE archive should be submitted as your abstract file. If you do not plan to include figures in your abstract, you do not need to package or compress it, just use this TEX file as the abstract.

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Zip/postal code:	<input type="text"/>		required
City:	<input type="text"/>		required
Country:	Choice <input type="button" value="v"/>		required
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need to package or compress it, just use this TEX file as the abstract.  
For more information please follow [this link](#)

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### The Hel part

Would you like to take part in the conference at the Hel Peninsula?  required  
Please, look at the program of the conference.

**The conference fee does not cover accommodation and board in a hotel at the Hel Peninsula..**

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First name:

Family name:

Accompanying person two:

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## Fees

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- Participants
  - 350,- Euro before June, 30th
  - 400,- Euro for late registration, after June, 30th
- Accompanying persons
  - 200,- Euro before June, 30th
  - 250,- Euro after June, 30th

## The fee includes

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- Accommodation in [hotel Rzemieślnik](#)
- Breakfast, lunch and supper meals
- Conference dinner, bonfire party
- Book of Abstracts
- Coffee break refreshments
- One conference tour

The conference fee does not cover accommodation and board in a hotel at the Hel Peninsula.

## Method of payment

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Payment has to be done by bank transfer to

Account holder	Politechnika Gdanska, Wydz. FTiMS, 80-952 Gdansk, Narutowicza 11/12
Account number	26 1020 1811 1022 7188 3600 1219
Bank name	PKO BP SA, Oddzial II, Gdansk, ul. Marynarki Polskiej 59, 80-557
SWIFT code	BPKO PL PW
BIC code	BPKO PL PW
Purpose of payment	017364 - konferencja FNMA/07

Please do not forget to indicate the task number: "**017364 - konferencja FNMA/07**" in the message column of the bank transfer sheet. Please make sure that any bank charges are fully covered by you, the sender; otherwise they will be subtracted from the amount you transfer.

## How to reach the conference?

The conference will take place at:

### [Hotel Rzemieślnik](#)

Piastowska 206  
80-341  
Gdańsk-Jelitkowo  
**Poland**

**tel:** (+48 58) 553 00 57

**fax:** (+48 58) 553-14-11

[-> Here is the location map](#)

### How to reach Gdańsk

#### ■ By plane

In the 1920s Gdansk Lech Walesa Airport was transformed into an international airport, also servicing transit flights. Being the third largest airport in Poland it serves as an auxiliary airport for Warsaw. Located on the Wysoczyzna Kaszubska upland, 10 kilometres west of Gdansk and 23 kilometres south of Gdynia, it has an efficient service of land and air assistance. It provides regular service to the main European cities, with direct air connections with international connections: Frankfurt, Hamburg, Copenhagen, Munich, London.

Public bus no. 110 goes from Rebiechowo airport to Gdansk-Wrzeszcz railway station and bus no. B from the airport to Gdansk Główny (railway station).

TAXI:(+48 58) 3053535

INFO: PKS/Bus (+48 58) 3021532, PKP/Train: 9436

INFO Tourist: (+48 58) 3016637

#### ■ By car

Route E75 (through Bydgoszcz and Tczew)

Route E77 (through Warsaw and Elbląg)

Route E28 (through Szczecin and Słupsk)

Route **20** (through Szczecinek, Bytów and Kartuzy)



#### ■ By train

The Warsaw-Gdansk line gathers travelers in central Poland, while the Szczecin-Gdansk gathers them in west Poland. For your best choice you should take a look at the [timetable](#) of the railway or try to call under:

(+48 22) 94 36 or (+48 42) 94 36.

Rapid connections are guaranteed by the IC (Inter City) trains.

#### How to reach hotel Rzemieślnik

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- Starting from the Lech Walesa airport

Take the bus number B to Gdansk-Główny (railway-station). Time to arrive about 25 minutes. [Here is the timetable of the bus](#) (direction Orunia-Gościnną). Then take the tram number 2 or 8 (direction Jelitkowo) directly to the Jelitkowo (it is the last stop of the trams). Time to arrive about 30 minutes. Here are the timetables of the trams: [2](#) and [8](#). From the last stop of the trams you should take direction to the sea and when you reach Kapliczna street you should turn on the right along the Kapliczna street until you will reach the hotel Rzemieślnik.

Or you can simply take a taxi from a taxi stop (e.g. in front of the airport) in the direction Gdansk Jelitkowo, hotel Rzemieślnik (Pomorska street). The journey lasts around 30 minutes and should be rather expensive (surely about 100 złotych).

- Starting from Gdansk Oliwa railway station

Public bus no. 143 goes from Gdansk-Oliwa train station to Kapliczna street. [Here is the timetable of the bus](#). From Kapliczna street you should go about 5 minutes by foot to the hotel Rzemieślnik.

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INFO Tourist: (+48 58) 3016637

### Telephone

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### Ordinary mail

FNMA'07 Office  
Department of Solid State Physics  
Faculty of Technical Physics and Applied Mathematics  
Gdansk University of Technology  
Narutowicza 11/12, 80-952 Gdansk, Poland

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