

PRIZES AND HONOURABLE MENTIONS
IN THE SIXTEENTH INTERNATIONAL COMPETITION
"FIRST STEP TO NOBEL PRIZE IN PHYSICS"
(2007/2008)

PRIZES

(diploma & research stay in the Institute of Physics). All the prizes are equivalent.

- **MAHDI AMINAKHLAGHI, (Iran)**
Effective Factors in Formation and Shapes of Mounds and Piles
- JISOO LEE, (South Korea)
Numerical and experimental analysis of electric conductivity behavior during physical gelation process
- DAVID ALEX ROSENGARTEN, (USA)
Rotation curves in five dimensions

HONOURABLE MENTIONS

(diploma; the honourable mentions have been established in addition to the regular prizes - they should not be considered as prizes)

CATEGORY: RESEARCH PAPERS

(All the honourable mentions in this category are equivalent)

- MEHRNAZ BABAKY MIRSHEKARIAN (Iran)
Investigation on the energy distribution among different harmonics of a violin string and the effect of some parameters upon it
- SARIEL OHAYON, (Israel)
Electric properties of amorphous metallic alloys (Disordered solid systems)
- ORON PARTUSH, (Israel)
Influence of a crossed magnetic and electric fields on the motion of liquid InGaSn
- KONRAD PAWEL NESTERUK, (Poland)
Fraunhofer diffraction by an adjustable slit - an experimental study
- KATARZYNA BARBARA SIUDZIŃSKA, (Poland)
Dynamics of Dregs
- KAMIL YAHYAEVICH DIBIROV, (Russia)
Phase transferring materials for heating accumulators
- ARTEM ANDREEVICH SINITSKIY, (Russia)
Research and the analysis of dependence of factor of friction from temperature
- EUGENY NICKOLAEVICH MITCHENKO, (Russia)
Influence of a flame of torches of passing oil gas on characteristics of an electric field of the Earth and climate of our region
- KANG RUEY GREGORY LAU, (Singapore)
Simulated Spectroscopies of High Temperature Superconductors Revealing Two Gaps
- KANG RUEY GREGORY LAU, (Singapore)
Investigation of Phonon Entanglement Through Distant Sources via Realistic Computer Simulations
- DAVID JIANYANG YIN, (Singapore)
Hard-Templating Synthesis and Characterization of Mesoporous and Electrically Conductive Carbon Nanofibers
- DONG-SUNG CHOI, (South Korea)
A research of mechanism and parameters of "Coffee Ring" phenomenon.
- TAE EUN KIM, (South Korea)
A suggestion of the theoretical and experimental model of geyser eruption mechanism
- SAROCH LYDUMRONGWATTHANAKUN, (Thailand)
The Adventure of MOKE's seeds
- UMUT OZEL, (Turkey)
Observing the effects that the free-fall time is dependent on and calculation of k constant

CATEGORY: CONTRIBUTIONS

(All the honourable mentions in this category are equivalent)

- WIDYA NURROHMAN, (Indonesia)
The Pressure's Phenomenon.
- SHIN-ICHI TAKEMURA, (Japan)
If our Earth is not a Sphere but a Rod or a Ring, can we know it by observing its Gravitational Force from a Spaceship far away?
- AMMAR YASER AL-ZA'ATREH, (Jordan)
Optical Data Transmission
- BERK DILER, (Turkey)
Anti -SAR Electromagnetic Radiation Preventing Materials

CATEGORY: INSTRUMENTS

(All the honourable mentions in this category are equivalent)

- JANIS SAVICKIS, (Latvia)
Molecular Diode Based on New Indandione Compounds
- VLADIMIR VICTOROVICH ZHEBEL, (Russia)
The research of the reverse unyawed flow phenomenon
- WARAT CHALERMPORNPONG, (Thailand)
The electric current effect magnetic field density

(-) Prof. Yohanes Surya
Vice-President of the competition

(-) Prof. Dr hab. Henryk Szymczak
President of the competition

Warsaw; in June 2008