

Доклади и участия в конференции *на проф дфн Хасан Шамати*

1. International Summer School on Fundamental Problems in Statistical Mechanics VIII,
from 28.06.1993 to 10.07.1993,
Altenberg, Germany.
Постерен доклад
2. ‘Spring College in Condensed Matter on ‘Quantum Phases’’,
from 03.05.1994 to 10.06.1994, Trieste, Italy.
Постерен доклад
3. 8-th ISCMP ‘Electronic and Optoelectronic and Magnetic Thin Films’,
from 18.09.1994 to 23.09.1994, Varna, Bulgaria.
On the finite-size shift of the critical temperature
H. Chamati and N. S. Tonchev
Постерен доклад
4. ‘Colleges on Advanced Computational Physics’
from 02.06.1997 to 02.06.1997, ICTP-Trieste, Italy.
Постерен доклад
5. ‘Research workshop on condensed matter physics’,
from 30.06.1997 to 22.08.1997,
Trieste, Italy.
Постерен доклад
6. “IX Trieste workshop on open problems in strongly correlated systems”,
from 14-07-1997 to 25-07-1997, Trieste, Italy.
Постерен доклад
7. SFB 410 on ‘II-VI - semiconductors’, Progress meeting,
from 10.04.1998 to 11.04.1998, Burg Rothenfels, Germany.
Постерен доклад
8. STATPHYS 20 - July 20-24, 1998 Paris, France.
FSS properties of an exactly solvable quantum model,
N.S. Tonchev, D. Danchev, H. Chamati
Постерен доклад
9. DPG–Schule für Physik 1998, ‘Kollektiver Transport in ungeordneten Medien’
from 20.09.1998 to 25.09.1998, Bad Honnef, Germany.
Постерен доклад
10. 11-th ISCMP, ‘Materials for Thechnology in the New Millennium’
from 03.09.2000 to 08.09.2000, Varna, Bulgaria.
Casimir amplitudes in a ferromagnetic model with long–range interaction
H. Chamati and D. M. Danchev
Постерен доклад

11. NATO-ASI on ‘Computer simulation of surfaces and interfaces’,
from 09.05.2002 to 20.05.2002, Albena, Bulgaria.
“Bulk and surface vibrational, and structural properties of NiAl”
H. Chamati, N.I. Papanicolaou and G.A. Evangelakis,
Постерен доклад
12. Conference on Statistical Mechanics,
FISES02, Tarragona, Spain, 2002.
Finite-size scaling in systems with short-range correlated quenched disorder,
E. Korutcheva, H. Chamati and N.S. Tonchev,
Постерен доклад
13. ‘Manufacture and Characterization of Nanostructured Al alloys’, Fifth Meeting,
from 26.09.2002 to 27.09.2002, Corfu, Greece.
“An interatomic potential for Al, Ni and Ni-Al alloys, and molecular dynamics applica-
tion”
H. Chamati,
Устен доклад
14. ‘Manufacture and Characterization of Nanostructured Al alloys’, Sixth Meeting,
from 09.05.2003 to 10.05.2003, Waterfod, Ireland.
“Molecular Dynamics Simulation of Nano-sized Nickel Aluminide”
H. Chamati,
Устен доклад
15. ‘Manufacture and Characterization of Nanostructured Al alloys’, Sixth Meeting,
from 05.09.2003 to 06.09.2003, Bratislava, Slovakia.
“Al nanoparticles effects on bulk Al matrix”
H. Chamati
Устен доклад
16. ‘Spring College on the Science at the Nanoscale’,
from 24.05.2004 to 11.06.2004, Trieste, Italy.
structural and mechanical properties of nano-aluminum
H. Chamati, M.S. Stoycheva and G.A. Evangelakis,
Постерен доклад
17. Condensed Matter Physics Associates’ meeting, ICTP, Trieste, Italy
Black-body radiation in Tsallis statistics
H. Chamati
Устен доклад
18. ‘Workshop on Quantum Systems out of Equilibrium’,
from 14.06.2004 to 25.06.2004, Trieste, Italy.
19. Department of Physics, Univeristy of Pavia, Italy
January 10th, 2005.
Critical Casimir forces for $O(n)$ systems with long-range interaction in the spherical limit

- H. Chamati
 Поканен доклад
20. International Summer School on Soft Matter:
 ‘Nanoscience and Photonics, Science and Technology’
 from 16.05.2005 to 25.06.2005 Rende (CS), Italy
 21. IV Brazilian Meeting on Simulational Physics, Ouro Preto, Brazil,
 from 10.08.2005 to 12.08.2005.
Generalized xy models in two and three dimensions: a monte carlo study
 L.A.S. Mól, H. Chamati, S. Romano and A.R. Pereira,
 Постерен доклад
 22. Ψ_k -2005, Schwäbisch Gmünd, Germany,
 September 17–21, 2005
Self-diffusion on Fe(100) by molecular-dynamics simulation
 N.I. Papanicolaou, H. Chamati, Y. Mishin and D.A. Papaconstantopoulos
 Постерен доклад
 23. XIV Congreso de Física Estadística (FisEs Granada 2006)
 Granada, 14 - 16 de Septiembre de 2006
 Dynamic Finite-size scaling in systems with short-range correlated quenched disorder
 E. Korutcheva and H. Chamati
 Устен доклад
 24. Workshop on Driven States in Soft and Biological Matter
 from 18.04.2006 to 28.04.2006, Trieste, Italy.
Dynamic finite-size scaling in disordered systems
 H. Chamati and E. Korutcheva
 Постерен доклад
 25. Workshop on Ion Beam Studies of Nanomaterials:
 Synthesis, Modification and Characterization
 25 June – 1 July 2006, Trieste, Italy.
 26. 14-th ISCMP “Advances in the Micro and Nano Physics of Solid and Soft Matter”,
 from 17.09.2006 to 22.09.2006, Varna, Bulgaria.
Phonon density of states of iron from molecular dynamics simulations
 H. Chamati and N.I. Papanicolaou
 Постерен доклад
 27. XXIII IUPAP International Conference on Statistical Physics, 9-13 July, Genova, Italy
Finite-size scaling in systems with quenched impurities: Critical dynamics
 H. Chamati and E. Korutcheva
 Постерен доклад
 28. Towards Reality in Nanoscale Materials
 December 10th – 12th 2007 in Levi, Finland
Diffusion of a vacancy on Fe(100): a molecular-dynamics study

- N. I. Papanicolaou and H. Chamati
Постерен доклад
29. 33rd Conference of the Middle European Cooperation in Statistical Physics
14 – 16 April 2008, Puchberg/Wels, Austria
Field theoretical method for critical dynamics in thin films
H. Chamati and H. W. Diehl
Постерен доклад
30. Theoretical Seminar of the Department of Physics, University of Duisburg–Essen, Germany
June 18th, 2008.
Critical behavior of systems with long–range interaction confined to a finite geometry,
H. Chamati
Устен доклад
31. XXIV Panhellenic Conference on Solid State Physics and Materials Science Heraklion, Crete, Sept. 21–24, 2008.
Diffusion mechanisms of a vacancy on Fe(100): a molecular–dynamics simulation
N.I. Papanicolaou and H. Chamati,
Устен доклад
32. Conference on Research Frontiers in Ultra-Cold Atoms
4 – 8 May 2009, Trieste, Italy.
33. 16th International School on Condensed Matter Physics
Progress in Solid State and Molecular Electronics, Ionics and Photonics
August 29th - September 3rd, 2010 Varna, Bulgaria
Random impurities and interaction anisotropy effects on the critical behaviour of ferromagnets
H. Chamati and S. Romano,
Поканен доклад
34. 17th International School on Condensed Matter Physics
Open Problems in Condensed Matter Physics, Biomedical Physics and their Applications
2 – 7 September 2012, Varna, Bulgaria
Crystallization of nickel nanoclusters by molecular dynamics.
H. Chamati and K. Gaminchev,
Постерен доклад
35. 15ти Зимен семинар на млади учени и докторанти
Интердисциплинарна физика
07 – 09 декември 2012 г., Творчески дом на БАН – Витоша
Theory of phase transitions: From Physics to Biology,
H. Chamati
Поканен доклад
36. 6-ти пролетен Семинар на докторанти и млади учени

- Интердисциплинарна химия*
17 – 19 May 2013, Sofia, Bulgaria.
Mathematical modeling in materials science,
Х. Шамати
Поканен доклад
37. 2-ри Национален конгрес по физически науки
25 – 29 септември 2013, София
Molecular Dynamics Simulations of α -Fe and α -Cr Phases with Concentration-Dependent Embedded Atom Method.
К. Gaminchev and H. Chamati
Постерен доклад
38. 2nd National Congress on Physical Sciences
25 – 29 September 2013, Sofia
Exact Results in the Theory of Phase Transitions.
H. Chamati,
Устен доклад
39. 2nd National Congress on Physical Sciences
25 – 29 September 2013, Sofia
Quantum Critical Behavior of the Gross-Neveu Model at 2+1 Dimensions.
H. Chamati and N.S. Tonchev,
Постерен доклад
40. 18th International School on Condensed Matter Physics
Challenges of Nanoscale Science: Theory, Materials, Applications
1st – 6th September 2014, Varna, Bulgaria
Dynamic stability of Fe under high pressure.
К. Gaminchev and H. Chamati,
Постерен доклад
41. 18th International School on Condensed Matter Physics
Challenges of Nanoscale Science: Theory, Materials, Applications
September 1st – 6th, 2014 Varna, Bulgaria
Nematic order in classical spin models
H. Chamati and S. Romano,
Поканен доклад
42. Национална конференция по физика
12 – 14 октомври 2014, Пловдив
“Quantum criticality in the Gross-Neveu model”
H. Chamati,
Устен доклад
43. Theoretical Seminar of the Department of Physics,
University of Bielefeld, Germany

- Critical behavior of vector models in the large n limit,*
November 10th, 2014
H. Chamati
Поканен доклад
44. Christmas MINI WORKSHOP, December 19th, 2014,
University of Ljubljana
Computer simulations in natural sciences,
H. Chamati
Поканен доклад
45. Cracow University of Technology
March 18th, 2015 Molecular dynamics simulations of biomembranes
H. Chamati
Устен доклад
46. INERA Conference: Light in nanoscience and nanotechnology, LNN 2015
October 20 – 22, 2015, Hissar, Bulgaria
Quantum Phase Transitions of Ultracold Atomic Gases in Optical Lattices,
H. Chamati
Устен доклад
47. INERA Conference: Light in nanoscience and nanotechnology, LNN 2015
October 20 – 22, 2015, Hissar, Bulgaria
General Spin-Wave Theory for the Heisenberg Model on a Square Lattice Involving Three-Body Exchange Interactions,
M. Georgiev, A. Donkov, H. Chamati
Постерен доклад
48. INERA Conference: Light in nanoscience and nanotechnology, LNN 2015
October 20 – 22, 2015, Hissar, Bulgaria
Interaction of a Single Mode Field Cavity with the XY Model: Energy Spectrum
H. Tonchev, A. Donkov, H. Chamati
Постерен доклад
49. INERA Workshop: Laser and Plasma Matter Interaction, LPMI 2015
October 18 – 20, 2015, Plovdiv, Bulgaria
Phases and Phase Transitions in Ultracold Matter
H. Chamati
Поканен доклад
50. INERA Workshop: Laser and Plasma Matter Interaction, LPMI 2015
October 18 – 20, 2015, Plovdiv, Bulgaria
The Effect of Three-Body Exchange Interactions on the Spin-Wave Behavior of the Spin One Heisenberg Ferromagnet on a Square Lattice,
M. Georgiev, A. Donkov, H. Chamati
Постерен доклад

51. INERA Workshop: Laser and Plasma Matter Interaction, LPMI 2015
October 18 – 20, 2015, Plovdiv, Bulgaria
Interaction of a Single Mode Field Cavity with the Magnetic XY Chain: Numerical Results
H. Tonchev, A. Donkov, H. Chamati
Постерен доклад
52. XVIII-ти Зимен Семинар на младите учени и докторанти
„Интердисциплинарна физика“ 4-6 декември 2015 г.
The effect of three-body exchange interactions on the spin-wave behavior
of the spin one Heisenberg ferromagnet on a square lattice. M. Georgiev, A. A. Donkov,
and H. Chamati
Поканен доклад
53. The 41st Conference of the Middle European Cooperation in Statistical Physics
Vienna, Austria 14-17 February 2016
Critical behaviour of some classical lattice spin models involving singular interactions
H. Chamati and S. Romano
Постерен доклад
54. INERA Conference “Vapor Phase Technologies for Metal Oxide and Carbon Nanostructures”
July 6 - 8, 2016, Velingrad, Bulgaria
Numerical study of a single mode field cavity interacting with a spin- $\frac{1}{2}$ XY spin chain
molecule
H. Tonchev, A. A. Donkov, H. Chamati,
Постерен доклад
55. 26th IUPAP International conference on Statistical Physics,
July 18-22, 2016, Lyon, France
Linear and ring polymer chains in confined geometries
Z. Usatenko, J. Halun, P Kuterba and H. Chamati
Постерен доклад
56. 19th International School on Condensed Matter Physics
August 29th - September 2nd, 2016 Varna, Bulgaria
Advances in Nanostructured Condensed Matter: Research and Innovations
Ring polymer chains in confined geometries
Z. Usatenko, P. Kuterba, H. Chamati and J. Halun
Поканен доклад
57. 19th International School on Condensed Matter Physics
August 29th - September 2nd, 2016 Varna, Bulgaria
Advances in Nanostructured Condensed Matter: Research and Innovations
Interaction of a spin- $\frac{1}{2}$ spin chain with a quantized electromagnetic field with the Jaynes-
Cummings model. Comparison between quantum Ising, XY and Heisenberg spin chain.
H. Tonchev, A.A. Donkov and H. Chamati

- Постерен доклад
58. 19th International School on Condensed Matter Physics
August 29th - September 2nd, 2016 Varna, Bulgaria
Advances in Nanostructured Condensed Matter: Research and Innovations
Thermal and structural properties of iron under positive loading by molecular dynamics:
Comparison of three interaction potentials
K.G. Gaminchev and H. Chamati
Постерен доклад
59. 19th International School on Condensed Matter Physics
August 29th - September 2nd, 2016 Varna, Bulgaria
Advances in Nanostructured Condensed Matter: Research and Innovations
Bilinear-biquadratic model for two dimensional mixed spin system with next-nearest-
neighbour interaction
M. Georgiev and H. Chamati
Постерен доклад
60. INERA Workshop “Membrane and Liquid Crystal Nanostructures” (MELINA)
September 4 - 5, 2016, Sts. Konstantin & Helena Resort, Varna, Bulgaria
Structural Properties of Pre-formed DPPC and DSPC Lipid Vesicles: A Coarse Grain
Molecular Dynamics
Hassan Chamati, R. Trobec, J. I. Pavlič
Устен доклад
61. 3rd National Congress on Physical Sciences
29 Sep. - 2 Oct. 2016, Sofia
Проектът ИНЕРА
Хассан Шамати
Пленарен доклад
62. 3rd National Congress on Physical Sciences
29 Sep. - 2 Oct. 2016, Sofia
Mechanical and Thermal Properties of Nickel by Molecular Dynamics
Hassan Chamati, Kostadin G. Gaminchev
Устен доклад
63. 3rd National Congress on Physical Sciences
29 Sep. - 2 Oct. 2016, Sofia
Модел на Джейнс-Къммингс в двуфотонно разглеждане
Хр. Тончев, А.А. Донков, Х. Шамати
Устен доклад
64. 3rd National Congress on Physical Sciences
29 Sep. - 2 Oct. 2016, Sofia
Different Phases in an Alternating Spin-1 – Spin-1/2 System
M. Georgiev, H. Chamati

- Устен доклад
65. XIX-ти Зимен Семинар на младите учени и докторанти
„Интердисциплинарна физика“ 2-4 декември 2016 г.
Tetramers as a quantum magnets
M. Georgiev and H. Chamati
Поканен доклад
66. UNED Madrid – Seminarios del Departamento de Física Fundamental
April 11th, 2018
Critical behavior of bulk and finite spin vector models
H. Chamati
Устен доклад
67. XXXVI International Symposium on Dynamical Properties of Solids
27 - 31 August 2017, Cracow, Poland
Polymers with different topologies in confined geometries
Z. Usatenko, P. Kuterba, J. Halun and H. Chamati
Устен доклад
68. The 43rd Conference of the Middle European Cooperation in Statistical Physics
Kraków, May 1-4, 2018
Physical properties of magnetic clusters
H. Chamati and M. Georgiev
Постерен доклад
69. The 43rd Conference of the Middle European Cooperation in Statistical Physics
Kraków, May 1-4, 2018
Magnetic excitations in the molecular magnets $Pb_3Cu_3(PO_4)_4$ and Ni_4Mo_{12}
M. Georgiev and H. Chamati
Постерен доклад
70. The 43rd Conference of the Middle European Cooperation in Statistical Physics
Kraków, May 1-4, 2018
Linear and ring polymer chains with the excluded volume interaction in confined geometries
Z. Usatenko, J. Hałun, P. Kuterba, H. Chamati and K. Danel
Постерен доклад
71. 22nd International Symposium on Surfactants in Solution
03 - 06 June 2018, Oklahoma, USA
Differential scanning calorimetry study of thermotropic phase transitions of pure SOPC membrane and in presence of cholesterol and gold nanoparticles
J. Genova, Z. Slavkova, H. Chamati and K. Gaminchev
Постерен доклад
72. Low-dimensional materials: theory, modeling, experiment
July 9-12, 2018 Dubna, Russia

- J. Genova, Z. Slavkova, and H. Chamati
Investigation of phase behavior and structural properties of cholesterol-containing lipid membranes
Поканен доклад
73. Low-dimensional materials: theory, modeling, experiment
July 9-12, 2018 Dubna, Russia
Model calculations of the positron annihilation characteristics for multilayer graphene film
A.A. Donkov, E. Popov and H. Chamati
устен доклад
74. 10th Jubilee Conference of the Balkan Physical Union (BPU10)
26 – 30 August 2018, Sofia, Bulgaria
Ferrimagnetism in a two-sublattice bilinearly coupled Heisenberg model
H. Chamati and D.V. Shopova
Поканен доклад
75. 10th Jubilee Conference of the Balkan Physical Union (BPU10)
26 – 30 August 2018, Sofia, Bulgaria
Magnetic excitations in $\text{Ca}_3\text{Cu}_{3-x}\text{Ni}_x(\text{PO}_4)_4$
Ferrimagnetism in a two-sublattice bilinearly coupled Heisenberg model
M. Georgiev and H. Chamati
Постерен доклад
76. 20th Jubilee International School on Condensed Matter Physics
Physics and Applications of Advanced and Multifunctional Materials
September 3rd – September 7th, 2018 Varna, Bulgaria
Influence of gold nanoparticles on the elastic properties and phase behaviour of model lipid systems
Z. Slavkova, H. Chamati, J. Genova,
Постерен доклад
77. 20th Jubilee International School on Condensed Matter Physics
Physics and Applications of Advanced and Multifunctional Materials
September 3rd – September 7th, 2018 Varna, Bulgaria
Model parameters and the spin trimer system $\text{A}_3\text{Cu}_3(\text{PO}_4)_4$ (A = Ca, Sr, Pb)
M. Georgiev and H. Chamati
Постерен доклад
78. 20th Jubilee International School on Condensed Matter Physics
Physics and Applications of Advanced and Multifunctional Materials
September 3rd – September 7th, 2018 Varna, Bulgaria
Exact results for the energy spectrum of the Jaynes–Cummings model interacting with a spin chain
H. Tonchev, A. Donkov, H. Chamati
Постерен доклад

79. XXII Conference on Liquid Crystals : Chemistry, Physics and Applications – CLC’2018
17 – 21 September, 2018 – Jastrzębia Góra, POLAND
Molecular dynamics investigation of phase behavior and structural properties of cholesterol-containing lipid membranes
H. Chamati, J. Genova and Z. Slavkova
Постерен доклад
80. XXII Conference on Liquid Crystals : Chemistry, Physics and Applications – CLC’2018
17 – 21 September, 2018 – Jastrzębia Góra, POLAND
Physico-chemical characterization of lipid membranes in presence of cholesterol
J. Genova, Z. Slavkova, H. Chamati, M. Petrov and P. Rafailov
Постерен доклад
81. 9th International Colloids Conference,
16 - 19 June 2019, Sitges, Spain,
Influence of cholesterol and carbon nanotubes on the properties of phospholipid systems
J. Genova, Z. Slavkova, H. Chamati, P. Rafailov and M. Petrov
Постерен доклад
82. Turkish Physical Society 35th International Physics Congress – TPS-35,
04-08, 2019, Bodrum, Turkey,
Elementary excitations in molecular nanomagnets
H. Chamati and M. Georgiev
Поканен доклад
83. 33rd Conference of The European Colloid and Interface Society
8-13 September 2019 KU Leuven, Belgium
Influence of hydrophobic Au nanoparticles on SOPC systems
Z. Slavkova, J. Genova, H. Chamati and M. Koroleva
Постерен доклад
84. Twenty-First International Summer School on Vacuum, Electron and Ion Technologies, VEIT
23 – 27 September 2019, Sozopol, Bulgaria
PLASIMO modeling of hollow-cathode geometry: laser tube configuration for sputtering metal vapor lasers
D. Yordanova, K. Temelkov, H. Chamati, D. Mihailova, J. van Dijk
Постерен доклад
85. 9th International Advances in Applied Physics & Materials Science – APMAS 2019
Congress & Exhibition
Influence of cholesterol on the physico-chemical properties of phospholipid membranes
N. Drinova, J. Genova, H. Chamati, M. Petrov,
Постерен доклад
86. 9th International Advances in Applied Physics & Materials Science – APMAS 2019
Congress & Exhibition

- Physico-chemical study of lipid membranes, containing functionalized and non-functionalized single wall carbon nanotubes
J. Genova, N. Drinova, H. Chamati, M. Petrov, Z. Slavkova, P. Rafailov
Постерен доклад
87. 21st International School on Condensed Matter Physics
Progress and Perspectives in Functional Materials
August 31st – September 4th, 2020
Influence of carbon nanostructures on the structural and thermal properties of lipid membranes
J. Genova, N. Drinova, H. Chamati, M. Petrov and Z. Slavkova
Постерен доклад
88. 21st International School on Condensed Matter Physics
Progress and Perspectives in Functional Materials
August 31st – September 4th, 2020
Influence of carbohydrates on the phase behaviour of phospholipid systems
Z. Slavkova, N. Drinova, J. Genova and H. Chamati
Постерен доклад
89. 21st International School on Condensed Matter Physics
Progress and Perspectives in Functional Materials
August 31st – September 4th, 2020
The magnetic properties of Ni₄Mo₁₂ molecular magnet: Theory and experiment
M. Georgiev and H. Chamati
Устен доклад
90. 21st International School on Condensed Matter Physics
Progress and Perspectives in Functional Materials
August 31st – September 4th, 2020
Origin of the magnetic exchange in insulators: Localized vs. delocalized electrons
M. Georgiev and H. Chamati
Постерен доклад
91. 21st International School on Condensed Matter Physics
Progress and Perspectives in Functional Materials
August 31st – September 4th, 2020
Interaction of solitons with a qubit in an anisotropic Heisenberg spin chain with first and second-neighbor interactions
S. Varbev, I. Boradjiev, R. Kamburova and H. Chamati
Постерен доклад
92. 21st International School on Condensed Matter Physics
Progress and Perspectives in Functional Materials
August 31st – September 4th, 2020
Single-photon generation of entangled triplet state in an atomic spin dimer

- S. Varbev, I. Boradjiev and H. Chamati
Постерен доклад
93. International Advances in Applied Physics & Materials Science Congress & Exhibition
14.10.2020 - 20.10.2020, Oludeniz, Turkey
Influence of carbon nanostructures on the structural and thermal properties of lipid membranes
J. Genova, N. Drinova, H. Chamati, M. Petrov and P. Rafailov
Постерен доклад
94. 52nd Conference of the European Group on Atomic Systems, Virtual Conference
July 06-08, 2021, Zagreb Croatia
Qubit controlled by the magnetic dark soliton
S. Varbev, I. Boradjiev, R. Kamburova, H. Chamati
Устен доклад
95. 17th International Conference on Advanced Materials
22.07.2021 - 24.07.2021, Aveiro, Portugal
Phase behaviour and structural properties of SOPC model lipid system at different sucrose contents
Slavkova, Z., Yancheva, D., Genova, J., Chamati, H.
Постерен доклад
96. International webinar on Magnetism and Magnetic Materials
Enhancing the Modern Innovations and Novel Improvements in Magnetism and Magnetic Materials
26.08.2021 - 27.08.2021, Florida, USA
Exchange mechanisms in a class of molecular magnets
M. Georgiev, H. Chamati
Устен доклад
97. 35th Conference of the European Colloid and Interface Society
05.09.2021 - 10.09.2021, Athens, Greece
Effect of melatonin on the structural and thermal properties of pure and cholesterol containing lipid membranes
J. Genova, H. Chamati, Z. Slavkova and G. Arzumanyan
Постерен доклад
98. Twenty-Second International Summer School on Vacuum, Electron and Ion Technologies
20.09.2021 - 24.09.2021, Sozopol, Bulgaria
Ag nanoparticle's synthesis and their implementation into the lipid structure
Z. Slavkova, J. Genova, H. Chamati, V. Boev and D. Yancheva
Постерен доклад
99. 3rd Youth Scientific Session "Biomedicine and Quality of Life" 2021
2-3 December 2021, Sofia, Bulgaria
"Influence of melatonin on the phase behavior of model lipid systems"

- N. Yotova, P. Santosh, J. Genova, Z. Slavkova and H. Chamati
Постерен доклад
100. The International Conference on Lasers, Plasma, and Radiation – Science and Technology
June 7-10, 2022, Bucharest, Romania
Using photons to manipulate the magnetic properties of the XY spin chain
H. Chamati
Поканен доклад
101. 22nd International School on Condensed Matter Physics
August 29th – September 2nd, 2022, Varna, Bulgaria
The restricted Boltzmann machine ansatz for quantum spin-glass system
S. Santalla, E. Korutcheva, K. Koroutchev, H. Chamati, J. Rodríguez-Laguna
Постерен доклад
102. 22nd International School on Condensed Matter Physics
August 29th – September 2nd, 2022, Varna, Bulgaria
Single-molecule magnets: The huge zero-field splitting revisited
M. Georgiev and H. Chamati
Поканен доклад
103. 22nd International School on Condensed Matter Physics
August 29th – September 2nd, 2022, Varna, Bulgaria
Physical properties of SOPC at low temperatures through the Slipid force field
N. Ivanova and H. Chamati
Устен доклад
104. 22nd International School on Condensed Matter Physics
August 29th – September 2nd, 2022, Varna, Bulgaria
Dynamic simulation of the quasiparticle excitations spectra in the magnetic bcc iron E.
Angelova and H. Chamati
Устен доклад
105. 8th Conference of the Middle European Cooperation in Statistical Physics (MECO48)
May 22nd-26th, 2023, Stará Lesná, Slovakia
Exact diagonalization approach to the magnetic properties of single-ion magnets
M. Georgiev and H. Chamati
Постерен доклад
106. 8th Conference of the Middle European Cooperation in Statistical Physics (MECO48)
May 22nd-26th, 2023, Stará Lesná, Slovakia
Quantum constraints to the origin of fine structure in $3d^8$ trigonal bipyramidal coordination complexes
M. Georgiev and H. Chamati
Постерен доклад

София, 6 юни 2024 г.

Подпис: