

33. E. Nasimdoust, F. Amarloo, R. Jamali, S. Velu and A. R. Moradi, "Controlling the spatial distribution of speckle fields for multi-manipulation of colloids" Proc. ICOP23 Vol. 29, 2023
32. M. Jafari Siavashani, E. Nasimdoust, P. Elahi, M. T. Tavassoly and A. R. Moradi, "The effect of surface roughness on phase step diffractometry" Proc. ICOP23 Vol. 29, 2023
31. M. H. Sadri, R. Jamali, F. Rehman and A. R. Moradi, "Mesoporous silica sorting by speckle tweezers" Proc. ICOP23 Vol. 29, 2023
30. D. Kafian, V. Abbasian, S. Akbari Birgani, A. R. Moradi, and D. Abdollahpour, "Resolution enhancement of light-sheet fluorescence microscopy using a microsphere" Proc. ICOP20 Vol. 26, 2020
29. M. Allahpanahi, Z. Tahmasebi, M. Amiri, and A. R. Moradi, "Experimental measurement of Goos-Haenchen shift" Proc. PSI Physics98, September 2019
28. Y. Ganjkhani, M. Rezwn, V. Farzam Rad, M. Bazzar, M. Yar, and A. R. Moradi, "Classification of chitosan nano- fibers by speckle patterns" Proc. ICOP18 Vol. 25, 2019
27. Y. Ganjkhani, E. A. Akhlaghi, and A. R. Moradi, "Real-time multi-wavelength phase-shifting digital holography" Proc. PSI Physics97, September 2018
26. V. Farzam Rad, M. A. Charsooghi, and A. R. Moradi, "Study of the surface effect on colloid sedimentation by digital holographic microscopy" Proc. ICOP18 Vol. 24, 2018
25. Y. Ganjkhani, V. Abbasian, E. A. Akhlaghi, and A. R. Moradi, "The effect of inclined illumination on enhancing the resolution in microsphere-assisted Mirau digital holographic microscopy" Proc. ICOP18 Vol. 24, 2018
24. Y. Ganjkhani, V. Abbasian, E. A. Akhlaghi, M. A. Charsooghi, and A. R. Moradi, "Super-resolution by Structured Illumination in Mirau Digital Holographic Microscopy" Proc. ICOP18 Vol. 24, 2018
23. V. Abbasian, M. Bazzar, E. A. Akhlaghi, M. A. Charsooghi, and A. R. Moradi, "Detection of nanoparticle in polymeric composites by digital holography," Proc. ICOP17 Vol. 23, 2017

22. V. Abbasian, Y. Ganjkhani, E. A. Akhlaghi, M. A. Charsooghi, and A. R. Moradi, "Improved Mirau digital holography for red blood cell 3D visualization," Proc. PSI Physics95, Vol. 25, 2016
21. V. Abbasian, M. Aakhte, E. A. Akhlaghi, and A. R. Moradi, "Enhancement of lateral resolution of Mirau digital holographic microscopy," Proc. ICOP15 Vol. 22, 2016
20. V. Farzam Rad, A. R. Moradi, and L. Tayebi, "Study of liquid-crystalline structure formation in multilamellae multicomponent lipid membranes using digital holographic microscopy," Proc. ICOP15 Vol. 22, 2016
19. P. Asgari, Y. Pourvais, P. Abdollahi, A. R. Moradi, and R. Khamedj, "Three-dimensional investigation of crystal structure in carbon steels using digital holographic microscopy," Proc. ICOP15 Vol. 21, 2015
18. T. Saghaei, R. Shirsavar, A. R. Moradi, and M. Habibi, "Induced rotation in liquid crystals by external electric fields," 20th annual IASBS meeting on condensed matter physics, May 2014
17. R. Mousaviani, N. Fathi, A. R. Moradi, and L. Tayebi, "Study of the effect of humidity on dynamics of myelin gure structure using digital holographic microscopy," Proc. ICOP14 Vol. 20, p. 17, 2014
16. P. Asgari, Y. Pourvais, A. R. Moradi, and O. Rahmani, "Three-dimensional profilometry and non-destructive measurement of out-of-plane defection under bending by digital projection moire, Proc. ICOP14 Vol. 20, p. 220, 2014
15. S. Ebrahimi, P. Soltani, A. R. Moradi, and A. Daroudi, "Fiber optical trap calibration using a high-speed camera with limited bandwidth," Proc. ICOP14 Vol. 20, p. 248, 2014
14. M. Namnabat, A. R. Moradi, S. Behrouzinia, M. Gheslaghi, S. H. Nabavi, and K. Khorasani, "Determination of plasma temperature of copper vapor laser (CVL) by the use of Boltzmann plot method for CVLs mirror and copper coated mirror," Proc. ICOP14 Vol. 20, p. 42, 2014
13. P. Soltani, R. Shomali, J. Amiri, A. Darudi, and A. R. Moradi, "High spatial resolution optical surface testing using transport of intensity equation and Shack-Hartmann sensor," Proc. 3rd ICOLE, 3, p. 200, 2013 (Selected paper)

12. J. Raghdoost, J. Amiri, A. Daroudi, A. R. Moradi, "Comparison of the transport of intensity equation and digital holography on study of microscopic phase objects," Proc. PSI Physics92, September 2013
11. S. Ebrahimi, P. Soltani, A. R. Moradi, L. Tayebi, and M. Habibi, "Study of Fe₂O₃ nanoparticles effect on lipid bilayers pearling using a compact digital holographic microscope," Proc. PSI Physics92, September 2013
10. M. Zargham, A. R. Moradi, and A. Najafi, "Experimental investigation of surfactant effect on surface tension with optical diffractometry," 19th annual IASBS meeting on condensed matter physics, April 2013 (Selected poster)
9. T. Saghaei, R. Shirsavar, A. R. Moradi, and M. Habibi, "Velocity change of a rotating film in presence of E. coli bacteria," 19th annual IASBS meeting on condensed matter physics, April 2013
8. M. Namnabat, S. Behrouzinia, M. Gheshlaghi, K. Khorasani, S. H. Nabavi, and A. R. Moradi, "Design and fabrication of copper vapor laser's mirror and investigation of its output power and temperature," Proc. ICOP12 Vol. 19, pp. 403-407, 2013
7. P. Soltani, J. Amiri, R. Shomali, and A. R. Moradi, "Optical wedge testing by Shack Hartmann Wavefront Sensor," PSI Workshop on Optical Measurement, November 2012
6. F. Borji Monfared, A. Mohebi, A. R. Moradi, and M. Habibi, "Holography technique to study the E. coli microscopic changes exposed by hospital grade antibacterials," Proc. 6th Iranian Congress of Clinical Microbiology, October 2012
5. F. Borji Monfared, A. Mohebi, S. Moradi Mehr, A. R. Moradi, and M. Habibi, "Study of antibacterial microscopic effects on the membrane of E. coli using digital holographic microscopy," Proc. 17th National and 5th International Iranian Biology Conference, September 2012
4. R. Tavakoli, N. Fathi, A. R. Moradi, and M. K. Ali, "Study of morphological changes of Red Blood Cells induced by Glucose Level Elevation using Digital Holography Microscopy," Proc. PSI Physics91, September 2012

3. N. Fathi, R. Tavakoli, R. Mousaviani, A. R. Moradi, and M. Habibi, "Study of temperature gradient on the growth of multilamellar tubes," Proc. PSI Physics91, September 2012

2. N. Fathi, R. Tavakoli, A. R. Moradi, and M. Habibi, "Study of domain formation in lipid mixtures induced by hydrophobic solute using digital holography," Proc. ICOP11 Vol. 18, pp. 269-273, 2012

1. S. Moradi Mehr, F. Borji, A. R. Moradi, and M. Habibi, "Measurement of refractive index of fluids within microchannels using digital holography," Proc. ICOP11 Vol. 18, pp. 707-710, 2012