

At the end of 2014 there were 28 PhD holding members and 77 researchers and post-graduation students working at the Institute, which in that year were responsible for the publication of 77 articles in peer-reviewed (10 other were in press), 10 chapters of internationally edited books (2 other were in press), 12 PhD and 20 MSc theses. Additionally, 103 communications were presented in international scientific conferences by members of IPC and 6 patents were granted to, or applied for, by member of IPC. This output is consistent with the trend of the last years, albeit with some variations from year to year. Concurrently, there was an undeniable consolidation of the international visibility of the members of the Institute, as a result of increasing editorial activities, of the consistent organization of scientific events and invitations for conferences and of the award of international prizes.

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Books

1. Oliveira, N., Pontes, A.J., Beira, E., Pinto, A.L., Magalhães, R., Reengenharia de produtos e processos – InLaser: tecnologias avançadas de moldes para a produção integrada de óticas para veículos, **Inovatec**, pp.256, 2014, ISBN: 978-150-33702-2-7.

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2. Costa, A.; Novais, P.; Simoes, R. (2014) An AAL Collaborative System: The AAL4ALL and a Mobile Assistant Case Study. In: Camarinha-Matos, L., and Afsarmanesh, H. (Eds.) **Collaborative Systems for Smart Networked Environments, IFIP Advances in Information and Communication Technology**, Springer, Volume 434, pp 699-709, ISBN 978-3-662-44744-4.
3. Costa, A.; Magalhães, P.; Ferreira-Alves, J.; Peixoto, T.; Simoes, R.; Novais, P.; The Caregiver Perspective: An Assistive AAL Platform, in: Ambient Assisted Living and Daily Activities, **Lecture Notes in Computer Science**, Springer, Vol. 8868 (2014) pp. 304-311.
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7. Hilliou, L., Hybrid carrageenans: isolation, chemical structure and gel properties. *Advances in Food and Nutrition Research*, volume 72, **Marine Carbohydrates:**

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8. Macedo, P.; Afonso, J.A.; Rocha, L.A.; Simoes, R. (2014) A Telerehabilitation System based on Wireless Motion Capture Sensors, in: **Physiological Computing Systems, Lecture Notes in Computer Science**, Vol. 8908, pp 55-62, da Silva, H.P., Holzinger, A., Fairclough, S., Majoe, D. (Eds.); Springer, 2014, ISBN 978-3-662-45685-9.

9. Machado, A.V., Barbas, J.; Covas, J.A. Near IR Spectroscopy for the Characterization of Dispersion in Polymer–Clay Nanocomposites, In Mittal (Ed) **Synthesis Techniques for Polymer Nanocomposites**, Wiley (2014) ISBN: 978-3-52733-455-1.

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11. Sampaio, A M; Simoes, R; Pontes, AJ (2014) Tracking surgical instruments: From a management perspective to safety issues, in: **Occupational Safety and Hygiene II**, SHO 2014, Arezes et al (eds), Taylor and Francis: London, ISBN 978-1-138-00144-2.

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2. Abreu, A. S.; Oliveira, M.; Machado, A. V., **Effect of clay mineral addition on properties of bio-based polymer blends**

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DOI: 10.1016/j.clay.2014.12.006

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3. Afonso, A.M., Ferrás, L.L., Nóbrega, J.M., Alves, M.A., Pinho, F.T., **Pressure-driven electrokinetic slip flows of viscoelastic fluids in hydrophobic microchannels**

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8. Azevedo G.; Bernardo G.; Hilliou L.; **NaCl and KCl phase diagrams of**

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11. Barbosa CN, Gonçalves F, Viana JC, **Nano and Hybrid Composites based on Poly(ethylene terephthalate): Blending and Characterization**

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