

## Lettre d'information du GIME

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### Editorial

Voici un numéro spécial avec une contribution d'Eric Le Bourhis, qui a répertorié tous les numéros spéciaux publiés dédiés à l'indentation et qui met ce travail à disposition de notre communauté. Ce numéro est à garder en bonne place car il contient des informations bien utiles !

Sandrine Bec et Gérard Mauvoisin

### Numéros spéciaux dédiés à l'indentation

La littérature relative au domaine de l'indentation est particulièrement riche, un certain nombre de numéros spéciaux ayant été consacrés à ce sujet. Probablement non exhaustif, ce document les répertorie avec leur lien web. En vous souhaitant bonne lecture,  
Eric Le Bourhis

#### Matériaux et Techniques

##### **1- Surfaces et interfaces - Indentation, rayage et abrasion**

Eds. S. Benayoun and E. Le Bourhis, Matériaux et Techniques, Volume 93, No. 7-8 (2005)

<http://www.mattech-journal.org/index.php?option=toc&url=/articles/mattech/abs/2005/02/contents/contents.html>

##### **2- Indentation : analyses, développements et applications**

Eds. O. Bartier and G. Mauvoisin, Matériaux et Techniques, Volume 96, No. Hors Série (2008)

<http://www.mattech-journal.org/index.php?option=toc&url=/articles/mattech/abs/2008/05/contents/contents.html>

##### **3- Indentation à différentes échelles**

Eds. E. Le Bourhis and G. Mauvoisin, Matériaux et Techniques, Volume 99, No. 2 (2011)

[http://www.mattech-journal.org/index.php?option=com\\_toc&url=/articles/mattech/abs/2011/02/contents/contents.html](http://www.mattech-journal.org/index.php?option=com_toc&url=/articles/mattech/abs/2011/02/contents/contents.html)

##### **4- A paraître, Matériaux et Technique (2013).**

#### Comptes Rendus Mécanique

##### **1- Surface mechanics: facts and numerical models**

Eds. J.-M. Bergheau and J.-L. Loubet, Comptes Rendus Mécanique, Volume 339, Issue 7-8 (2011)

<http://www.sciencedirect.com/science/journal/16310721/339/7-8>

#### Philosophical Magazine

##### **1- International Indentation Workshop**

Eds. M. M. Chaudhri and Y. Enomoto, Philosophical Magazine A, Volume 74, Issue 5 (1996)

<http://www.tandfonline.com/toc/tpha20/74/5>

##### **2- Second International Indentation Workshop**

Eds. M. M. Chaudhri and Y. Y. Lim, Philosophical Magazine A, Volume 82, Issue 10 (2002)

<http://www.tandfonline.com/toc/tpha20/82/10>

##### **3- Instrumented Nanoindentation**

Eds. N. Jennett, G.M. Pharr and C. McHargue Philosophical Magazine, Volume 86, Issue 33-35 (2006)

<http://www.tandfonline.com/toc/tphm20/86/33-35>

##### **4- Nano-mechanical testing in materials research and development**

Eds. N. Jennett, M. Göken, K. Durst, Philosophical Magazine, Volume 91, Issue 7-9 (2011)

<http://www.tandfonline.com/toc/tphm20/91/7-9>

##### **5- Nano-mechanical testing in materials research and development III**

Eds. G. Dehm, G. M. Pharr, J. Michler, Philosophical Magazine, Volume 92, Issue 25-27 (2012)

<http://www.tandfonline.com/toc/tphm20/92/25-27>

#### Journal of Physics D

##### **1- Cluster Issue on Indentation**

Eds. M.M. Chaudhri and Y. Y. Lim, Journal of Physics D, Volume 41, Number 7 (2008)

<http://iopscience.iop.org/0022-3727/41/7>

#### Materials Today

##### **Materials Today Hysitron Special Issues (I, II, 2010, III 2011)**

Eds. J. Agbenyega, O. Warren,

<http://sciencedirect.verticalsearchworks.com/EN/Microsites/1/Hysitron/hysitron-special-issues-of-materials-today>

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### Journal of Materials Research

#### 1- Nanoindentation

Eds. A. B. Mann, R. C. Cammarata, M. A. Nastasi, Journal of Materials Research, Volume 14, Issue 06 (1999)  
<http://journals.cambridge.org/action/displayIssue?decade=1990&jid=JMR&volumeld=14&issueId=06&iid=799003>

#### 2- Fundamentals and Applications of Instrumented Indentation in Multidisciplinary Research

Eds. Y.-T. Cheng, T. Page, G. M. Pharr, M. V. Swain, K. J. Wahl, Journal of Materials Research, Volume 19, Issue 01 (2004)  
<http://journals.cambridge.org/action/displayIssue?decade=2000&jid=JMR&volumeld=19&issueId=01&iid=8029495>

#### 3- Indentation Methods in Advanced Materials Research

Eds. G.M. Pharr, G. Sundararajan, I. M. Hutchings, M. Sakai, Y.-T. Cheng, N. R. Moody, M. V. Swain, Journal of Materials Research, Volume 24, Issue 03 (2009)  
<http://journals.cambridge.org/action/displayIssue?decade=2000&jid=JMR&volumeld=24&issueId=03&iid=7950540>

#### 4- Instrumented Indentation

Eds. D. Kwon, M. M. Chaudhri, Y.-T. Cheng, O. Kraft, Journal of Materials Research, Volume 27, Issue 01 (2012)  
<http://journals.cambridge.org/action/displayIssue?decade=2010&jid=JMR&volumeld=27&issueId=01&iid=8472789>

### MRS Proceedings

#### 1- Fundamentals of Nanoindentation and Nanotribology

Eds. N.R. Moody, W.W. Gerberich, N. Burnham, S.P. Baker, MRS Proceedings, Volume 522 (1998)  
<http://journals.cambridge.org/action/displayIssue?jid=OPL&volumeld=522&iid=8040366>

#### 2- Fundamentals of Nanoindentation and Nanotribology II

Eds. S.P. Baker, R.F. Cook, S.G. Corcoran, N.R. Moody, MRS Proceedings, Volume 649 (2000)  
<http://journals.cambridge.org/action/displayIssue?jid=OPL&volumeld=649&iid=8222790>

#### 3- Fundamentals of Nanoindentation and Nanotribology III

Eds. K.J. Wahl, N. Huber, A.B. Mann, D.F. Bahr, Y.-T. Cheng, MRS Proceedings, Volume 841 (2004)  
<http://journals.cambridge.org/action/displayIssue?jid=OPL&volumeld=841&iid=8002808>

#### 4- Fundamentals of Nanoindentation and Nanotribology IV

Eds. E. Le Bourhis, D.J. Morris, M. L. Oyen, R. Schwaiger, T. Staedler, MRS Proceedings, Volume 1049 (2007)  
<http://journals.cambridge.org/action/displayIssue?jid=OPL&volumeld=1049&iid=8023720>

### International Journal of Material Research

#### 1- 2nd European Symposium for Nanomechanical Testing

Eds. U. D. Hangen, International Journal of Materials Research 2002/09 (2002)  
[http://www.ijmr.de/web/o\\_archiv.asp?o\\_id=25112811648-50&ausgabe\\_id=25112813118-814&task=02&nav\\_id=20091120117326](http://www.ijmr.de/web/o_archiv.asp?o_id=25112811648-50&ausgabe_id=25112813118-814&task=02&nav_id=20091120117326)

#### 2- 3rd European Symposium for Nanomechanical Testing

Eds. U. D. Hangen, International Journal of Materials Research 2003/07 (2003)  
[http://www.ijmr.de/web/o\\_archiv.asp?o\\_id=25112811648-50&ausgabe\\_id=25112813118-1430&task=02&nav\\_id=20091120117326](http://www.ijmr.de/web/o_archiv.asp?o_id=25112811648-50&ausgabe_id=25112813118-1430&task=02&nav_id=20091120117326)

#### 3- 4th European Symposium for Nanomechanical Testing

Eds. U. D. Hangen, International Journal of Materials Research 2004/05 (2004)  
[http://www.ijmr.de/web/o\\_archiv.asp?o\\_id=25112811648-50&ausgabe\\_id=25112813118-2189&task=02&nav\\_id=20091120117326](http://www.ijmr.de/web/o_archiv.asp?o_id=25112811648-50&ausgabe_id=25112813118-2189&task=02&nav_id=20091120117326)

#### 4- 5th European Symposium for Nanomechanical Testing

Eds. M. Göken, U. D. Hangen, International Journal of Materials Research 2005/11 (2005)  
[http://www.ijmr.de/web/o\\_archiv.asp?o\\_id=25112811648-50&ausgabe\\_id=25112813118-3300&task=02&nav\\_id=20091120117326](http://www.ijmr.de/web/o_archiv.asp?o_id=25112811648-50&ausgabe_id=25112813118-3300&task=02&nav_id=20091120117326)

#### 5- 6th European Symposium for Nanomechanical Testing

Eds. H. Pfaff, International Journal of Materials Research 2006/09 (2006)  
[http://www.ijmr.de/web/o\\_archiv.asp?o\\_id=25112811648-50&ausgabe\\_id=2692714143-99&task=02&nav\\_id=20091120117326](http://www.ijmr.de/web/o_archiv.asp?o_id=25112811648-50&ausgabe_id=2692714143-99&task=02&nav_id=20091120117326)

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