

Nadia Magnenat Thalmann

Books Published/Edited

1. Bin Sheng, Lei Bi, Jinman Kim, Nadia Magnenat-Thalmann, Daniel Thalmann, **Advances in Computer Graphics**, 40th Computer Graphics International Conference, CGI 2023, Shanghai, China, August 28 – September 1, 2023, Proceedings, Part IV
2. N. Magnenat Thalmann, J.J. Zhang, M. Ramanathan, D. Thalmann, **Intelligent Scene Modeling and Human-Computer Interaction (Human-Computer Interaction Series)**, Springer 1st ed., 296 p., Hardcover, ISBN 978-3030710019, 2022
3. Nadia Magnenat-Thalmann, Victoria Interrante, et al, **Advances in Computer Graphics: 38th Computer Graphics International Conference, CGI 2021**, Virtual Event, September 6–10, 2021, Proceedings (Lecture Notes in Computer Science), Oct 11, 2021
4. N. Magnenat-Thalmann, C. Stephanidis, E. Wu, D. Thalmann, B. Sheng, J. Kim, G. Papagiannakias, M. Gavrilova, **Advances in Computer Graphics: 37th Computer Graphics International Conference, CGI 2020, Geneva, Switzerland, October 20-23, 2020 Proceedings**, Vol. 12221, Springer 1st ed., 566p., ISBN 978-3030618636, 2020
5. F.Tian, X. Yang, D. Thalmann, W. Xu, J.J. Zhang, N. Magnenat-Thalmann, J. Chang, **Computer Animation and Social Agents, 33rd International Conference on Computer Animation and Social Agents, CASA 2020, Bournemouth, UK, October 13-15, 2020 Proceedings**, Vol. 1300, Springer 1st ed., 216 p., ISBN 978-3030634254, 2020
6. M. Gavrilova, C.J. Tan, J. Chang, N. Magnenat-Thalmann, **Transactions on Computational Science XXXVII: Special Issue on Computer Graphics**, Vol. 12230, Springer, 171 p., ISBN 978-3662619827, 2020
7. P.Bourdout, V. Interrante, L. Nedel, N. Magnenat-Thalmann, G. Zachmann, **Virtual Reality and Augmented Reality, 16th EuroVR International Conference, EuroVR 2019, Tallinn, Estonia, October 23-25, 2019 Proceedings**, Vol. 11883, Springer 1st ed., 510 p., ISBN 978-3030319076, 2019
8. M. Gavrilova, J. Chang, N. Magnenat-Thalmann, E. Hitzer, H. Ishikawa, **Advances in Computer Graphics, 36th Computer Graphics International Conference, CGI 2019, Calgary, AB, Canada, June 17-20, 2019 Proceedings**, Vol. 11542, Springer, 1st ed., 604 p., ISBN 978-3030225131, 2019
9. J. Braz, N. Magnenat-Thalmann, P. Richard, L. Linsen, A. Telea, S. Battiato, F. Imai, **Computer Vision, Imaging and Computer Graphics Theory and Applications, 11th International Joint Conference, VISIGRAPP 2016, Rome**, Vol. 693, Springer, 1st Edition, XXI, 608 p., Hardcover, ISBN 978-3-319-64870-5, 2017
10. S.R.S. Prabaharan, N. Magnenat Thalmann, V.K. Bhaaskaran, **Frontiers in Electronic Technologies**, Springer, 161 p., Hardcover, ISBN 978-981-10-4235-5, 2017
11. J.K. Burgoon, N. Magnenat Thalmann, M. Pantic, A. Vinciarelli, **Social Signal Processing**, Cambridge University Press, 440 p., Hardcover, ISBN-10: 1107161266, ISBN-13: 978-1107161269, 2017
12. M. Ioannides, N. Magnenat Thalmann, G. Papagiannakis, **Mixed Reality and Gamification for Cultural Heritage**, Springer, 1st Edition., 2017, 309 illus., 279 incolor., Hardcover, ISBN: 978-3-319-49606-1, 2017
13. N. Magnenat Thalmann, J. Yuan, D. Thalmann and B.-J. You (Eds.), **Context Aware Human-Robot and Human-Agent Interaction**, Springer, XIII, 298 p. 143 illus., ISBN: 978-3319199467, 2015
14. M. Ioannides, N. Magnenat Thalmann, E. Fink, R. Žarnić, A.-Y Yen, E. Quak (Eds.), **Digital Heritage. Progress in Cultural Heritage: Documentation, Preservation, and Protection**, 5th International Conference, EuroMed 2014 Proceedings, Vol. 8740, Springer, 2014
15. N. Magnenat Thalmann, O. Ratib, H.F. Choi (Eds.), **3D Multiscale Physiological Human**, Springer, XII, 316 p.

110 illus., ISBN: 978-1447162742, 2014

16. N. Magnenat Thalmann, D. Thalmann, **Computer-Generated Images: The State of the Art**, Springer, Softcover reprint of the original 1st ed. 1985 edition, 497 p., ISBN 978-4431680352, 2012
17. Nadia Magnenat Thalmann, **Modeling and Simulating Bodies and Garments**, Springer, 1st Edition., 2010, XVIII, 186 p. 142 illus., 22 in color., Hardcover, ISBN: 978-1-84996-262-9, 2010
18. Nadia Magnenat Thalmann, **Modelling the Physiological Human**, 229 pages, Springer, 2009
19. Nadia Magnenat Thalmann, David Feng and Jian Zhang, **Recent Advances in the 3D Physiological Human**, 225 pages, Springer, 2009
20. Nadia Magnenat Thalmann, Lakhmi C. Jain and N. Ichalkaranje, **New Advances in Virtual Humans**, 180 pages, Springer, 2008
21. N. Magnenat Thalmann, S.Y. Shin, F. Di Fiore, F. van Reeth and D. Thalmann, **Proceedings of CASA 2007**, Computer Animation & Virtual Worlds, Wiley, Special Issue, Vol.18, No. 4-5, September-December 2007
22. N. Magnenat Thalmann and D. Thalmann, **Proceedings of the workshop "Aim@shape"**, IEEE publisher, March 2005
23. N. Magnenat Thalmann and D. Thalmann, **Proceedings of the workshop "CAPTECH"**, IEEE publisher, 2004
24. N. Magnenat Thalmann and D. Thalmann, **CASA Proceedings**, IEEE publisher, 2004
25. N. Magnenat Thalmann and D. Thalmann, **CGI Proceedings**, IEEE publisher, 2004
26. N. Magnenat Thalmann and D. Thalmann (eds.), **Handbook of Virtual Humans**, Wiley & Sons, Ltd. publisher, pp. 1-225, August 2004
27. N. Magnenat Thalmann and D. Thalmann, **Proceedings Research Workshop on Modelling Joints and Soft Tissues**, Troisième Cycle Romand, CUSO, 2003
28. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation 2002**, IEEE Computer Society Press, 2002
29. M.P. Cani, N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation and Simulation 2001**, Springer Verlag, Wien, 206 pages, 2001
30. N. Magnenat Thalmann and D. Thalmann (eds.), **Deformable Avatars; IFIP TC5/WG5.10 DEFORM 2000 Workshop and AVATARS 2000 Workshop**, Kluwer Academic Publisher, 247 pages, 2001
31. N. Magnenat Thalmann, D. Thalmann and B. Arnaldi, **Computer Animation and Simulation 2000**, Springer Verlag, Wien, 211 pages, August 2000
32. Pascal Volino and N. Magnenat Thalmann, **Clothing 3D virtual Humans: Theory and Practice**, Springer Verlag, Tokyo, New York, Berlin, Heidelberg, 283 pages with CD-ROM, October 2000
33. T. Çapın, I. Pandzic, N. Magnenat Thalmann and D. Thalmann, **Avatars in Networked Virtual Environments**, John Wiley, 282 pages, 1999
34. N. Magnenat Thalmann and D. Thalmann, **Computer Animation and Simulation**, Springer Verlag, Wien, 230 pages, 1999
35. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '99**, IEEE publisher, 1999
36. N. Magnenat Thalmann, O. Ratib, H.F. Choi (Eds.), **3D Multiscale Physiological Human**, Springer, XII, 316 p. 110 illus., ISBN: 978-1447162742, 2014
37. N. Magnenat Thalmann, D. Thalmann, **Computer-Generated Images: The State of the Art**, Springer, Softcover reprint of the original 1st ed. 1985 edition, 497 p., ISBN 978-4431680352, 2012
38. U. Güdükbay, T. Dayar, A. Gürsoy, E. Gelenbe, M. Becker, J.M. Fourneau, H. Shachnai and N. Magnenat Thalmann, **Advances in Computer and Information Sciences '98**, Proceedings of the 13th International Symposium on Computer

- and Information Sciences, IOS Press, 584 pages, 1998
39. N. Magnenat Thalmann and D. Thalmann (eds.), **CAPTECH '98**, Springer Verlag, Tokyo, New York, Berlin, Heidelberg, 1998
 40. W. Maurel, Y. Wu, N. Magnenat Thalmann and D. Thalmann, **Biomechanical Models for Soft Tissues Simulation**, ESPRIT Basic Research Series, Springer Verlag, Tokyo, New York, Berlin, Heidelberg, 173 pages, 1998
 41. N. Magnenat Thalmann and D. Thalmann, **Modeling and Motion Capture Techniques for Virtual Environments**, Lecture Notes in Artificial Intelligence, No1537, Springer, 1998
 42. N. Magnenat Thalmann (ed.), **Virtual Systems and Multimedia '97**, IEEE publisher, 1997
 43. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '97**, IEEE publisher, 165 pages, 1997
 44. N. Magnenat Thalmann and D. Thalmann (eds.), **Interactive Computer Animation**, Prentice Hall, 296 pages, 1996
 45. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '96**, IEEE publisher, 1996
 46. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '95**, IEEE publisher, 1995
 47. Jiannan, N. Magnenat Thalmann, Z. Tang and D. Thalmann (eds.), **Fundamentals of Computer Graphics**, World Scientific Publishers, 1994
 48. N. Magnenat Thalmann and D. Thalmann (eds.), **Artificial Life and Virtual Reality**, John Wiley and Sons, Chichester, 244 pages, 1994
 49. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '94**, IEEE publisher, 1994
 50. N. Magnenat Thalmann and D. Thalmann (eds.), **Mundos Virtuais e Multimedia** (Portuguese translation), LTC Editora, Rio de Janeiro, 1994
 51. N. Magnenat Thalmann and D. Thalmann (eds.), **Virtual Worlds and Multimedia**, John Wiley and Sons, Chichester, 216 pages, 1993
 52. N. Magnenat Thalmann and D. Thalmann (eds.), **Communicating with Virtual Worlds**, Springer Verlag, Tokyo, New York, Berlin, Heidelberg, 1993
 53. N. Magnenat Thalmann and D. Thalmann (eds.), **Models and Techniques in Computer Animation**, Springer Verlag, Tokyo, New York, Berlin, Heidelberg, 293 pages, 1993
 54. N. Magnenat Thalmann and D. Thalmann (eds.), **Creating and Animating the Virtual World**, Springer Verlag, Tokyo, New York, Heidelberg, 285 pages, 1992
 55. N. Magnenat Thalmann and D. Thalmann (eds.), **New Trends in Animation and Visualization**, John Wiley and Sons, 284 pages, 1991
 56. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '91**, Springer Verlag, Tokyo, New York, Heidelberg, 255 pages, 1991
 57. N. Magnenat Thalmann and D. Thalmann, **Synthetic Actors in Computer-Generated Films**, Springer Verlag, Heidelberg, 129 pages, 1990
 58. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Animation '90**, Springer Verlag, Tokyo, New York, Berlin, Heidelberg, 242 pages, 1990
 59. N. Magnenat Thalmann and D. Thalmann, **Computer Animation: Theory and Practice**, Springer Verlag, Heidelberg, New York, Tokyo), 240 pages, 1990, (2nd edition), translated into Italian
 60. N. Magnenat Thalmann and D. Thalmann (eds.), **State-of-the-Art in Computer Animation**, Editors, Springer Verlag, Tokyo, New York, Heidelberg, 224 pages, 1988
 61. N. Magnenat Thalmann and D. Thalmann (eds.), **New Trends in Computer Graphics**, Springer Verlag, Heidelberg, 1988
 62. N. Magnenat Thalmann and D. Thalmann, **Image Synthesis: Theory and Practice**, Springer Verlag, Tokyo, 400

pages ,1987

63. L. Gingras, N. Magnenat Thalmann and L. Raymond, **Les systèmes d'information organisationnels**, Ed. G. Morin, Québec, 307 pages, 1986
64. N. Magnenat Thalmann and D. Thalmann (eds.), **Computer Generated Images: The State of the Art**, Springer Verlag, Tokyo, 1985
65. N. Magnenat Thalmann, D. Thalmann and J. Vaucher, **PASCAL: un outil pour la gestion**, Ed. Gaétan Morin, 174 pages ,1984
66. G. Laporte and N. Magnenat Thalmann, **Textes du premier colloque québécois de graphisme par ordinateur**, Ed. Gaétan Morin, 1984
67. N. Magnenat Thalmann and D. Thalmann, **Informatique graphique: concepts et techniques avec le langage MIRA**, Ed. Gaétan Morin, 410 pages, 1983
68. N. Magnenat Thalmann and et D. Thalmann, **Gestion de fichiers et bases de données**, Ed. Gaétan Morin, 370 pages, 1982, (second edition 1983)
69. N. Magnenat Thalmann, **L'informatique, un instrument de la gestion**, adaptation and French translation of "Computer essentials for business", Ed. McGraw-Hill, 359 pages, 1980
70. N. Magnenat Thalmann and D. Thalmann, **COBOL: une approche structurée à la résolution de problèmes**, Ed. Gaétan Morin, 214 pages, 1979, (second edition 1981)
71. N. Magnenat Thalmann, D. Thalmann and J. Vaucher, **Le langage PASCAL**, Ed. Gaétan Morin, 363 pages, 1979, (second edition 1980), (third edition 1982)