Contributions à la recherche

Articles avec comité de lecture

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54. Dionne J., Lefèvre T. & Auger M.
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1. Lefèvre T., Pellerin C. & Pézolet T.
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Ed. Chalmers John M. & Meier Robert J., Elsevier, Amsterdam (**2008**)

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14. Huby N., Vié V., Renault A., Beaufils S., Lefèvre T., Paquet-Mercier F., Pézolet M. & Bêche B.
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1. Picquart M., Lefèvre T. & Lacrampe G.
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Communications

Au total, mes travaux de recherche et d'encadrement ont donné lieu à une centaine de communications dont 75 dans des congrès internationaux (liste complète sur demande). La liste ci-dessous représente les communications que j'ai moi-même présentées.

Présentations orales

20. Lefèvre T. (conférencier invité)
La spectromicroscopie Raman en lumière polarisée
4e Atelier du Groupement de Recherche international franco-québécois (GdRI-NMC) - Nanomatériaux multifonctionnels contrôlés, Université de Montréal (12-14 juin **2017**)

19. Lefèvre T. (conférencier invité)
La spectroscopie infrarouge appliquée à l'étude des protéines et des peptides
Institut de physique de Rennes - UMR UR1-CNRS 6251, Université de Rennes 1, Rennes, France (11 septembre **2015**)

18. Lefèvre T. (conférencier invité)
La spectroscopie infrarouge appliquée à l'étude des protéines et des peptides
Institut National de la Recherche Scientifique, Université de Rennes 1, Rennes, France (10 septembre **2015**)

17. Lefèvre T., Paquet-Mercier F. & Pézolet M.
Structural diversity and complexity of a biological polymer: spider silk
96e Conférence de la Société Canadienne de Chimie, Québec, Québec (26-30 mai **2013**)

16. Lefèvre T., Paquet-Mercier F. & Pézolet M.
Unexpected β-sheets and molecular orientation in flagelliform spider silk as revealed by Raman spectromicroscopy
94e Conférence de la Société Canadienne de Chimie, Montréal, Québec (5-9 juin **2011**)

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13. Lefèvre T., Boulet-Audet M., Buffeteau T., Bédard S., Rousseau M.-E. & Pézolet M.
Raman spectromicroscopy and ATR infrared spectroscopy: two efficient techniques to study the conformation and orientation of proteins in silkworm and spider silk fibers
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12. Lefèvre T.
Strain-induced conformational transition in fibroin fibres from the silkworm *Samia cynthia ricini* and characterization of silk fibres from different species
Laboratoire du professeur Asakura, Biotechnology and Life Science, Tokyo Univerisity of Agriculture and Technology, Tokyo, Japon (août **2006**)

11. Lefèvre T., Rousseau M.-E., Rioux-Dubé J.-F., Paquin M.-C., Boudreault S., Cloutier C., Buffeteau T., Pézolet. M.
What can we learn from vibrational spectroscopy about the structure and spinning process of silkworm and spider silk?
AFMNet Microsymposium, Université de Montréal, Montréal, Québec, 4 août **2006**.

10. Lefèvre T., Rousseau M.-E., Rioux J.-F., Paquin M.-C. Boudreault S., Cloutier C. & Pézolet M.
Que peut apporter la spectroscopie de vibration à la connaissance de la soie d'araignée et du processus de filage ?
74e congrès de l'ACFAS, Université McGill, Montréal, Québec (15-19 mai **2006**)

9. Lefèvre T. (conférencier invité), Beaulieu L., Paradis J., Rousseau M.-E. & Pézolet M.
Raman microspectroscopy and silk fibers: a happy marriage
1er McGill Biophysical Chemistry Symposium, Montréal, Québec (9 mai **2005**)

8. Lefèvre T., Rousseau M.-E. & Pézolet M.
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7. Lefèvre T. (conférencier Invité) & Pézolet M.
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Second International Symposium on Two-Dimensional Correlation Spectroscopy, Nottingham, Angleterre (21-23 août **2003**)

6. Lefèvre T. (conférencier Invité), Arseneault K. & Pézolet M.
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5. Lefèvre T. & Subirade M.
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68e congrès de l'ACFAS, Montréal, Québec (15-19 mai **2000**)

3. Lefèvre T. & Subirade M.
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19. Huot A., Lefèvre T., Rioux-Dubé J.-F., Nault A.-P., Paquet-Mercier F., Auger M. & Pézolet M.
Effect of mechanical deformation on the structure of regenerated fibroin films as revealed by Raman and infrared spectroscopy
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18. Lefèvre T. & Pézolet M.
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16. Lefèvre T., Boudreault S., Cloutier C. & Pézolet M.
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3ième colloque du CQMF, Orford, Québec (7 octobre **2010**)

15. Lefèvre T., Pézolet M., Rioux J.-F., Rousseau M.-E., Bédard S., Boudreault S., Cloutier C. & Buffeteau T.
Conformation of native spider silk proteins in the major ampullate gland determined by Raman, CD and VCD spectroscopies
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14. Lefèvre T., Rousseau M.-E., & Pézolet M.
Orientation-insensitive spectra for Raman spectromicroscopy
20th International Conference on Raman Spectroscopy (ICORS), Yokohama, Japon (20-25 août **2006**)

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32st annual congress of the Federation of Analytical Chemistry and Spectroscopy Society (FACSS), Québec, Québec (3-7 octobre **2005**)

12. Lefèvre T., Rousseau M.-E. & Pézolet M.

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Second annual meeting of the Centre for Self-Assembled Chemical Structures (CSACS), Université McGill, Montréal, Québec (7 mai **2004**)

10. Lefèvre T., Rousseau M.-E. & Pézolet M.
La microspectroscopie Raman : une technique efficace pour déterminer quantitativement l'orientation de fibres de protéines auto-assemblées
4e symposium du CREFSIP, Université Laval, Québec, Québec (20 mai **2004**)

9. Lefèvre T. & Pézolet M.
Formation and structure of protein film as monitored by ATR and transmission FTIR spectroscopy
Second International Conference on Advanced Vibrational Spectroscopy, Nottingham, Angleterre (24-29 août **2003**)

8. Lefèvre T. & Pézolet M.
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3e symposium du CREFSIP, Université Laval, Québec, Québec (2 mai **2003**)

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