

Annex B – LIST OF PUBLICATIONS RESULTING FROM TASK GROUP ACTIVITY

B.1 JOURNAL PAPERS

Gattass, R.R., Shaw, L.B., Nguyen, V.Q., Pureza, P.C., Aggarwal, I.D. and Sanghera, J.S., “All-fiber chalcogenide-based mid-infrared supercontinuum source”, *Optical Fiber Technology* **18**, 345-348 (2012).

Hudson, D.D., Judge, A., Jackson, S., Dekker, S., Magi, E., Li, E., Sanghera, J.S., Shaw, L.B., Aggarwal, I.D. and Eggleton, B., “Octave spanning supercontinuum in an As₂S₃ taper using ultralow pump pulse energy”, *Optics Letters*, Vol. 36, No. 7, pp. 1122-1124 (2011).

Shaw, L.B., Gattass, R.R., Sanghera, J.S. and Aggarwal, I.D., “All-Fiber Mid-IR Supercontinuum Source from 1.5 to 5 μm ”, *SPIE*, Vol. 7914 (2011).

Swiderski, J., Maciejewska, M., Kwiatkowski, J. and Mamajek, M., “An all-fiber, resonantly pumped, gain-switched, 2 μm Tm-doped silica fiber laser”, *Laser Phys. Lett.* **10**, 015107 (2013).

Swiderski, J. and Michalska, M., “Mid-infrared supercontinuum generation in a single-mode thulium-doped fiber amplifier”, *Laser Phys. Lett.* **10**, 035105 (2013).

Swiderski, J., Michalska, M. and Mazé, G., “Mid-IR supercontinuum generation in a ZBLAN fiber pumped by a gain-switched mode-locked Tm-doped fiber laser and amplifier system”, *Opt. Express* **21**, 7851-7857 (2013).

Swiderski, J. and Michalska, M., “Generation of self-mode-locked resembling pulses in a fast gain-switched thulium-doped fiber laser”, *Opt. Lett.* **38** (10), 1624-1626 (2013).

Swiderski, J. and Michalska, M., “Over three-octave spanning supercontinuum generated in a fluoride fiber pumped by Er & Er:Yb-doped and Tm-doped fiber amplifiers”, *Opt. & Laser Technol.* **52**, 75-80 (2013).

Swiderski, J., Théberge, F., Michalska, M., Mathieu, P. and Vincent, D., “High average power supercontinuum generation in a fluoroindate fiber”, *Laser Physics Letters* **11**, 015106 (2014).

Swiderski, J., Michalska, M., Kieleck, C., Eichhorn, M. and Mazé, G., “High power supercontinuum generation in fluoride fibers pumped by 2 μm pulses”, *IEEE Photonics Technology Letters* **26** (2), 150-153 (2014).

Théberge, F., Daigle, J.-F., Vincent, D., Mathieu, P., Fortin, J., Schmidt, B.E., Thiré, N. and Légaré, F., “Mid-infrared supercontinuum generation in fluoroindate fiber”, *accepted Optics Letters* (2013).

Théberge, F., Daigle, J.-F., Villeneuve, A., Salhany, J., Burgoyne, B., Soudagar, Y., Châteauneuf, M. and Dubois, J., “Tunable mid-infrared generation using synchronized programmable fiber lasers”, *Laser Technology for Defense and Security VIII: 2012 SPIE Proceedings Volume 83810E*, May 2012.

B.2 PRESENTATIONS AND PROCEEDINGS

Hudson, D.D., Judge, A., Jackson, S., Dekker, S., Magi, E., Li, E., Sanghera, J.S., Shaw, L.B., Aggarwa, I.D. and Eggleton, B., “Octave Spanning Supercontinuum in an As₂S₃ Taper using Ultra-low Pump Pulse Energy”, *Proc. CLEO, Baltimore, MD, USA, May 2-6, 2011*.

**ANNEX B – LIST OF
PUBLICATIONS RESULTING FROM TASK GROUP ACTIVITY**

Shaw, L.B., Gattass, R.R., Frantz, J., Nguyen, V.Q., Pureza, P., Busse, L., Sanghera, J.S., Aggarwal, I.D., Stegeman, R. and Park, E., “Wavelength Conversion in IR Fiber”, Proc. MSS IRCM, Monterey, CA, USA, April 26-28, 2011.

Shaw, L.B., Gattass, R.R., Sanghera, J.S. and Aggarwal, I.D., “Infrared Supercontinuum Fiber Source”, Proc. OSA Specialty Optical Fiber, Toronto, Ontario, Canada, June 12-15, 2011.

Shaw, L.B., Gattass, R.R., Sanghera, J.S. and Aggarwal, I.D., “Broadband Mid-IR Fiber Supercontinuum Source for Hyperspectral Image Projection”, Proc. IEEE Summer Topical 2011, Mid-Infrared Solid State Light Sources Challenges and Application, Montreal, Québec, Canada, July 18-20, 2011.

Shaw, L.B., Gattass, R.R., Frantz, J., Nguyen, V.Q., Pureza, P., Busse, L., Sanghera, J.S. and Aggarwal, I.D., “Fiber Nonlinear Sources”, Proc. MSS Active E-O Systems, San Diego, CA, USA, September 13-15, 2011.

Théberge, F., Mathieu, P., Châteauneuf, M., Dubois, J., Daigle, J.-F., Villeneuve, A., Salhany, J. and Burgoyne, B., “Tunable Mid-Infrared Generation Using a Synchronized Programmable Fiber Lasers”, IEEE Photonics Society Summer Topical Meetings, Montreal, Québec, Canada, July 18, 2011.