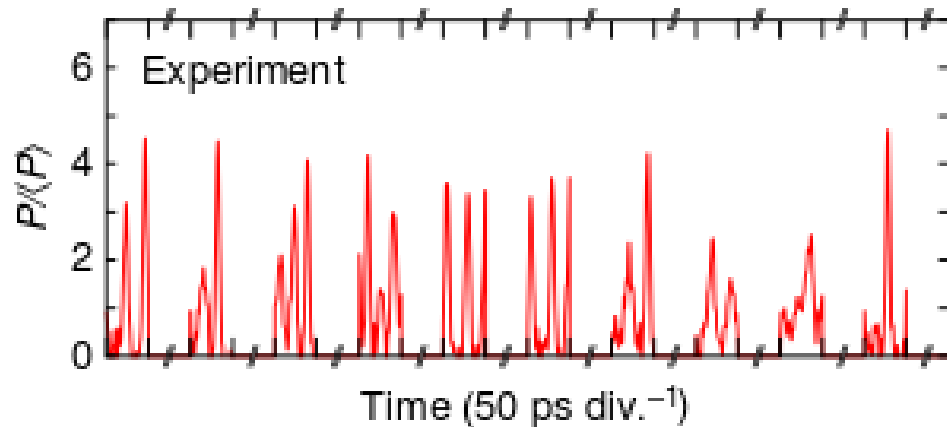
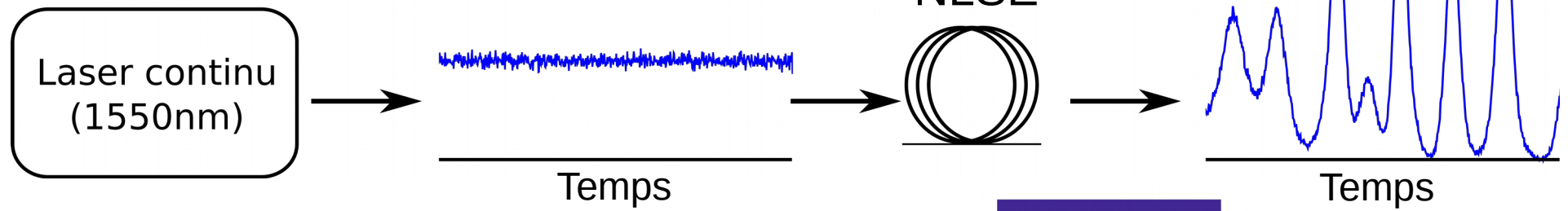
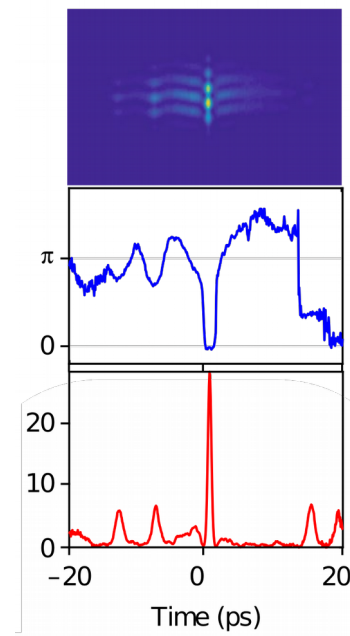


Mesure complète et ultra-rapide de structures non-linéaires générées par l'instabilité modulationnelle en optique

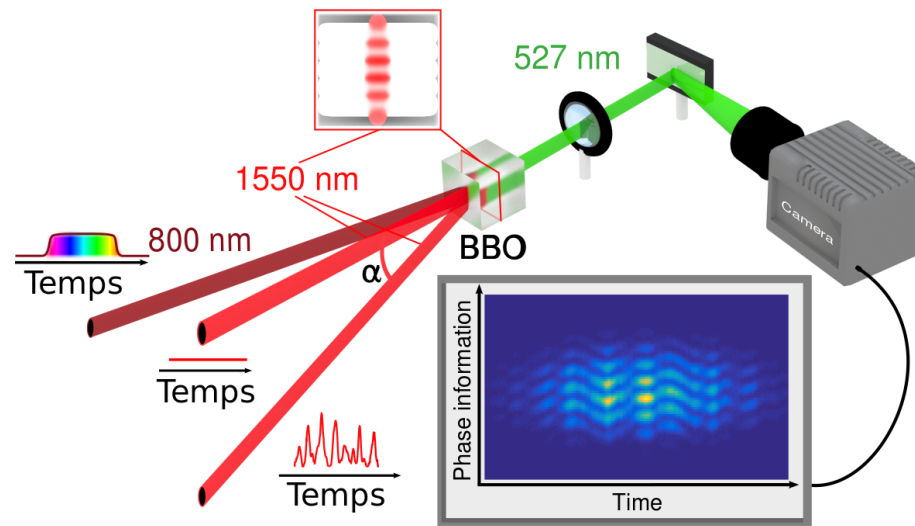
Alexandre Lebel, Alexey Tikan, Stéphane Randoux, Pierre Suret, François Copie.



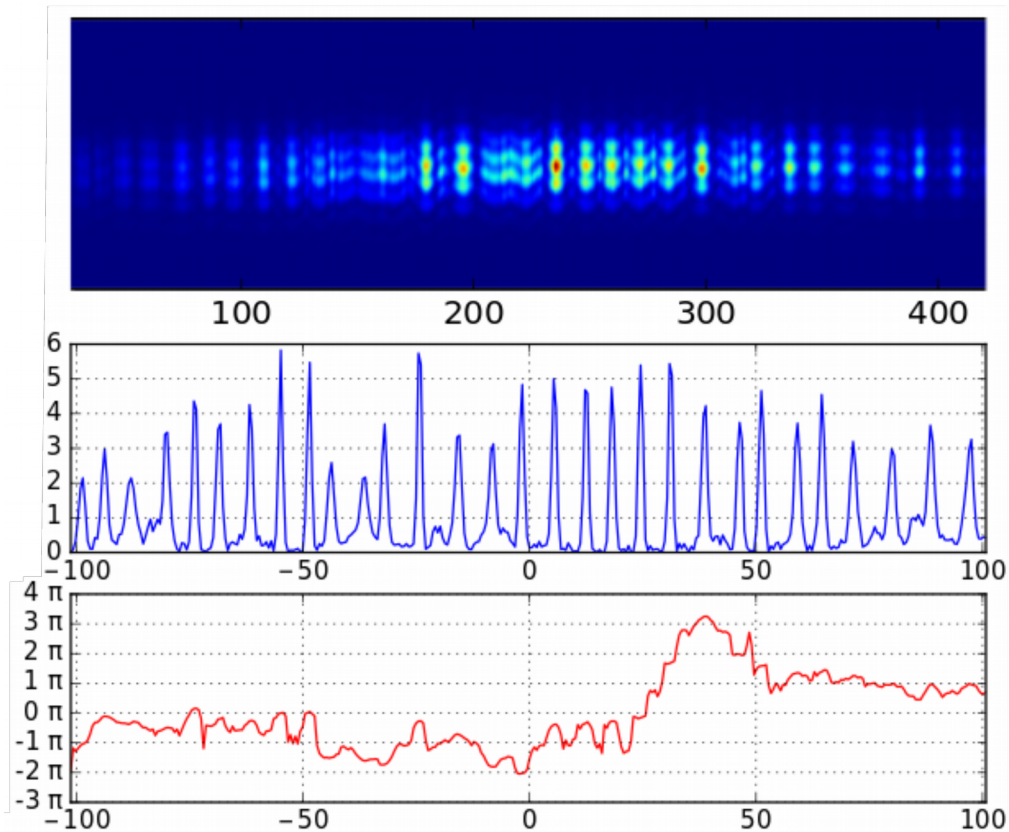
Nähri, M. et al. Nature communications 7 (2016): 13675.



Tikan, A. et al. Nature Photonics 12.4 (2018): 228.



Expérience



Simulation de l'équation de Schrödinger non-linéaire

$$i \frac{\partial \psi}{\partial z} - \frac{\beta_2}{2} \frac{\partial^2 \psi}{\partial t^2} + \gamma |\psi|^2 \psi = 0$$

