

Fig. 1. Cross-section images of photonic-crystal fibres: (a–c) fibres with a high optical nonlinearity provided by a small fibre core and a high refractive-index contrast between the core and the cladding, (d) dual-cladding PCF

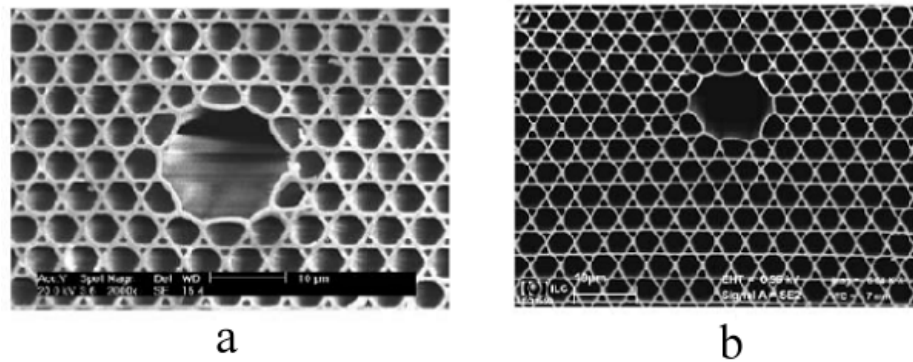


Fig. 2 Cross-section of photonic-crystal fibres : (a) large-mode-area PCF, and (b) hollow-core PCFs

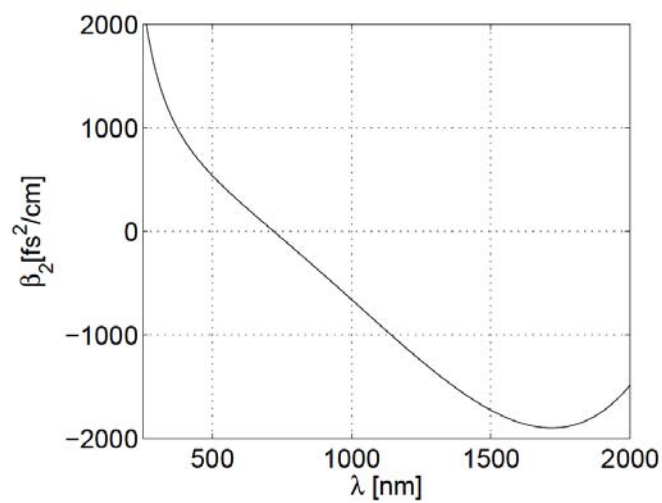


Fig. 3. Dispersion characteristics for the fundamental frequency mode of the 1.7 μm core diameter PCF shown in Fig. 5

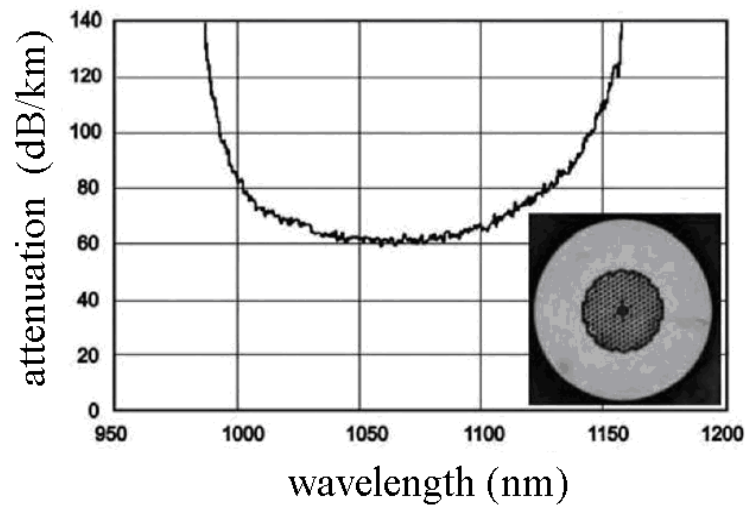


Fig. 4. Attenuation spectrum of a (PCF)

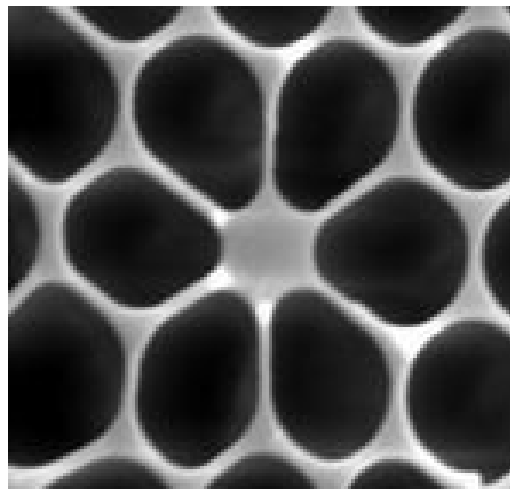


Fig. 5. Image of the end face of a PCF with a core diameter of 1.7 μm. Picture provided by Crystal Fibre A/S

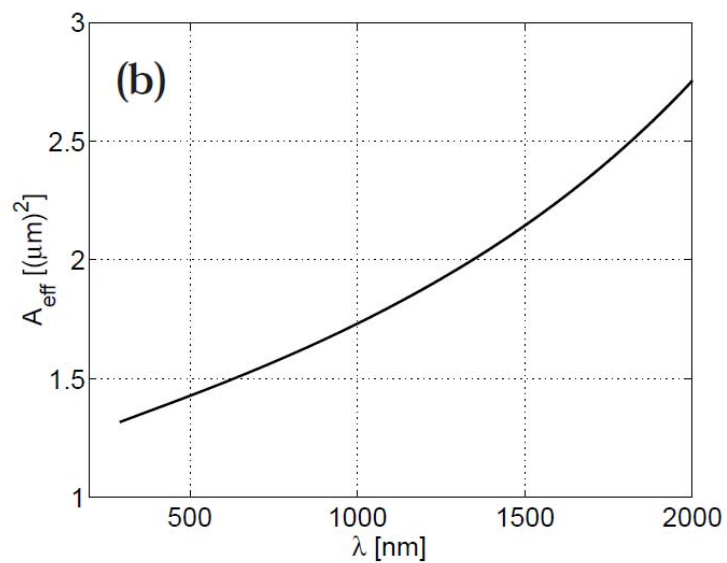


Fig. 6. Effective area of the same fiber. Calculations carried out by Niels Asger Mortensen / Jes Broeng from Crystal Fibre A/S

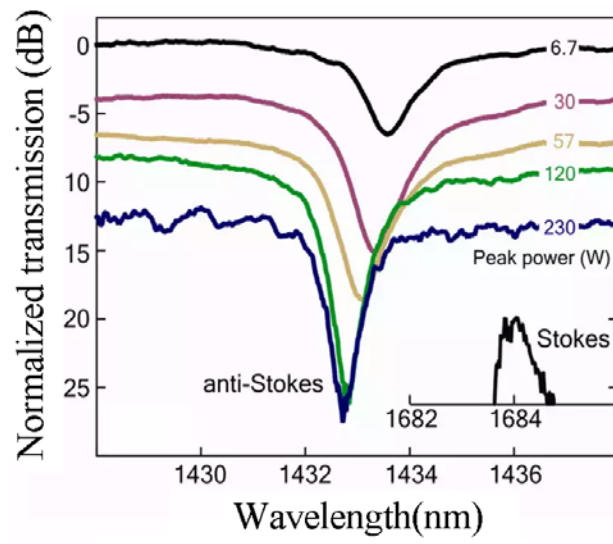


Fig. 7. Inverse Raman scattering are corollary processes arising in Raman scattering.