

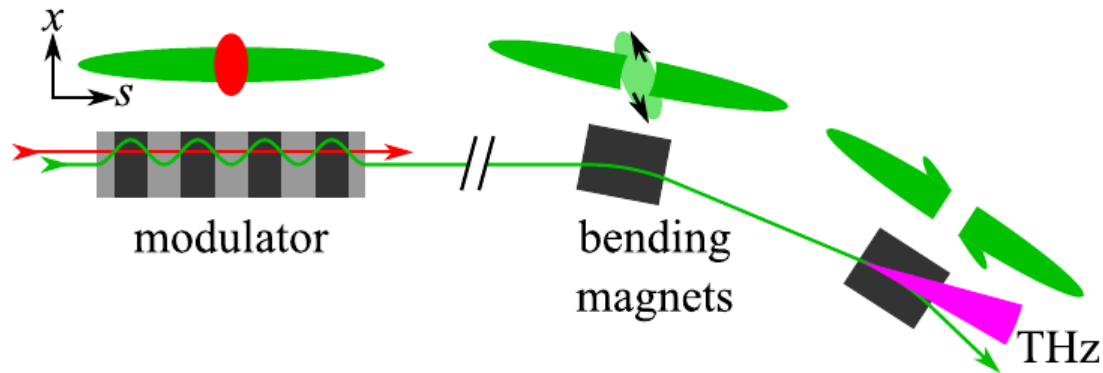
# Pulse Shaping Methods for Laser-Induced Generation of THz Radiation at the DELTA Storage Ring

C. Mai, B. Büsing, A. Glassl, S. Khan, D. Krieg,  
A. Meyer auf der Heide



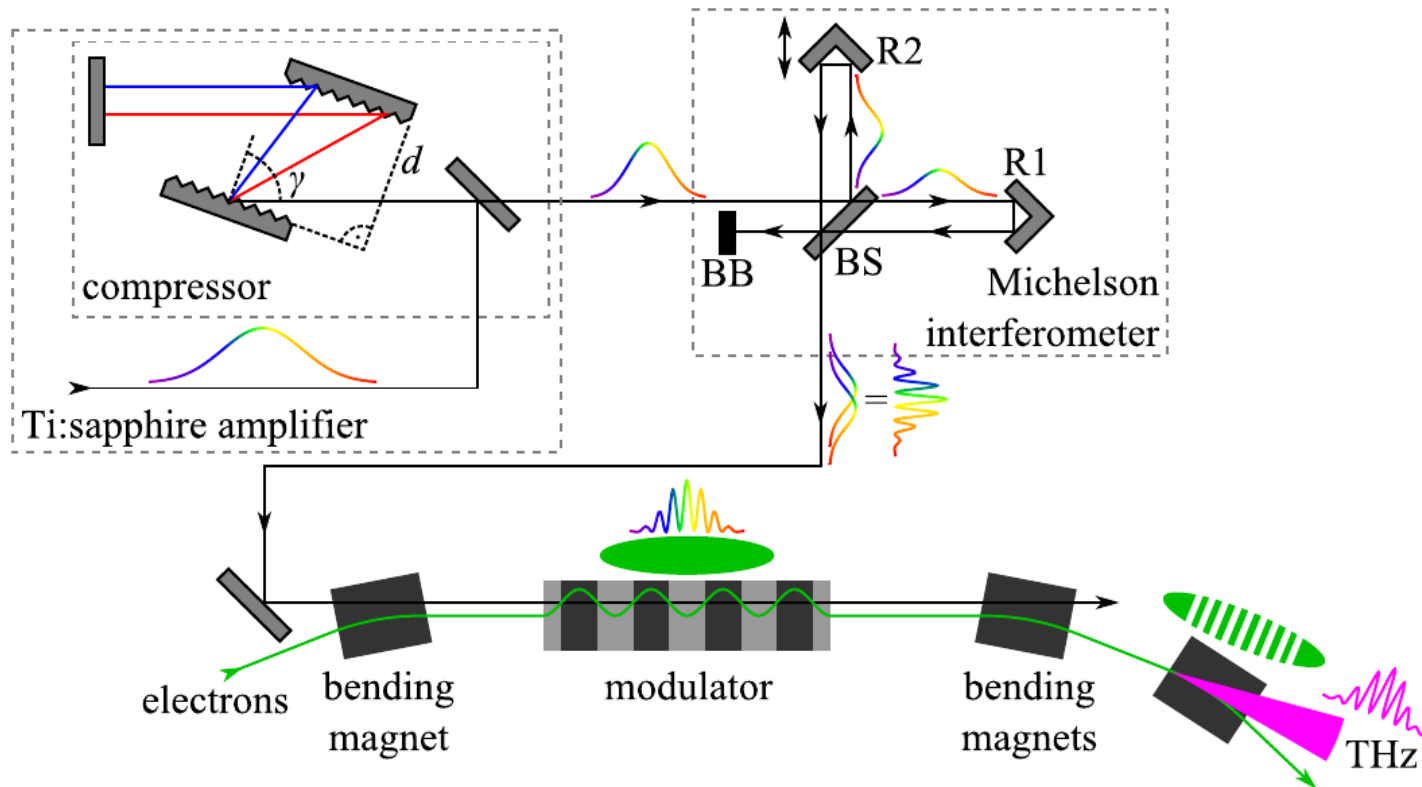
# Evolution of spectro-temporal THz shaping at DELTA

## broadband emission of THz radiation



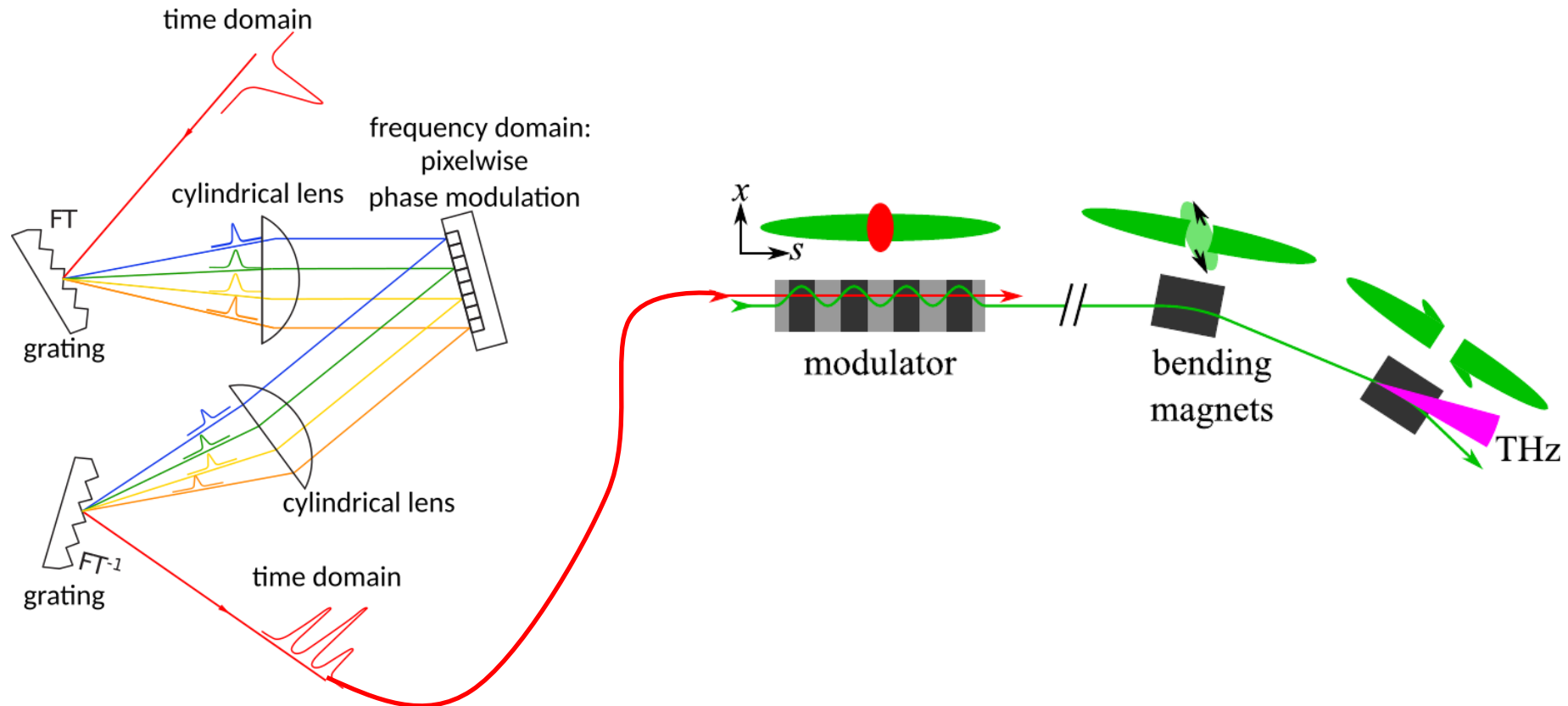
# Evolution of spectro-temporal THz shaping at DELTA

narrowband emission using *Chirped-Pulse Beating*



# Evolution of spectro-temporal THz shaping at DELTA

**narrowband emission using spatial phase modulation**



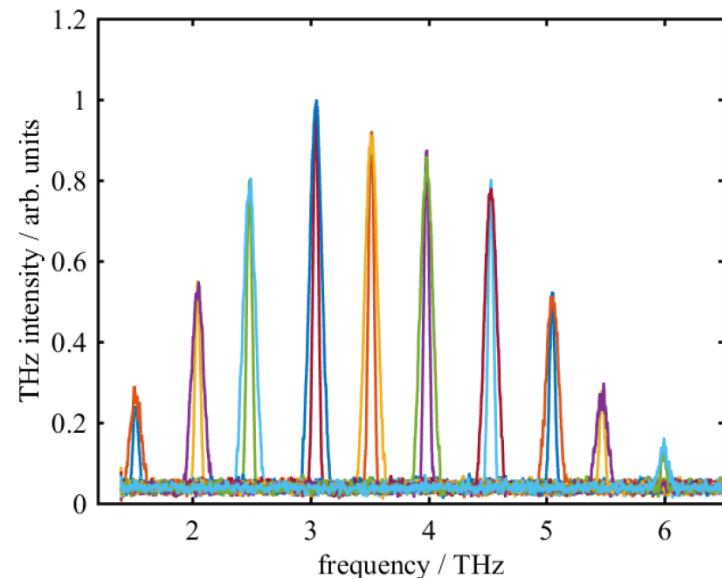
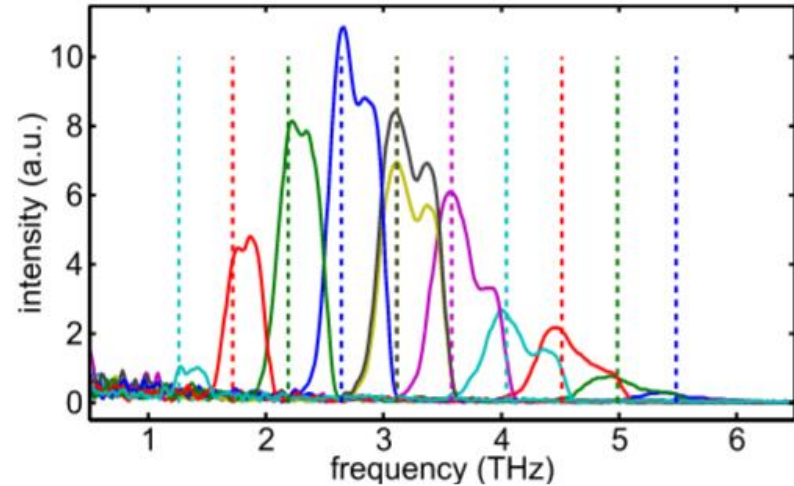
C. Mai et al., "Pulse shaping methods for laser-induced Generation of THz radiation at the DELTA storage ring", IPAC 2019.

# Improvements

chirped-pulse beating



spatial modulation



# Improvements

See you at the poster!



spatial modulation

