

20th February 2014 – 10:00 a.m.
CFEL-bldg. 99, seminar room I and II (EG.076/078)

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High intensity and ultra-cold supersonic beams sources

We describe the development of high intensity supersonic beam sources of ultra-cold molecules and clusters. Changes in the design and operation of the standard beam machines are required to reach these goals. Cold plasmas, cold clusters and cold (and oriented) molecules can now be generated routinely in our sources, providing a key technology in many of today's front line experiments.

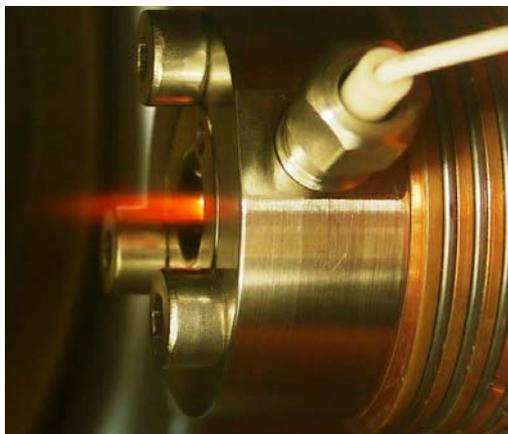


Figure 1 Collimated and excited Neon beam

