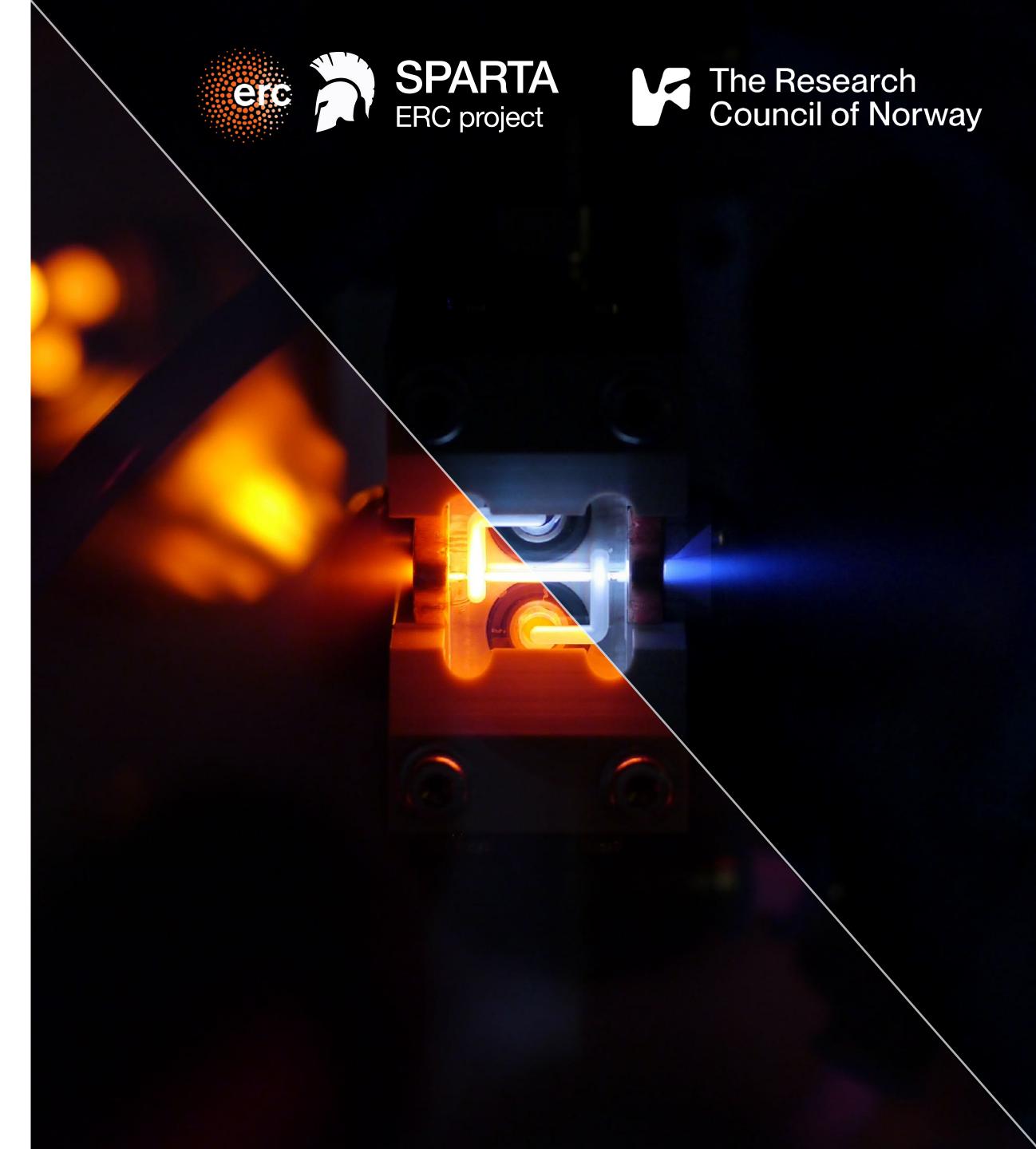
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Short update from the PWFA linac

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Updates since last HALHF meeting

- > ABEL framework soon ready to be made public (B. Chen et al.)
 - > Ongoing work with documentation, unit testing, final polishing
- > Discussions in the PWFA linac working group in US 10-TeV effort
 - > Consensus so far is that 10 TeV effort should build on progress in HALHF (including ABEL) and study high-energy effects
- > Soon ready to perform full-scale (48-stage) HALHF 2.0 simulations (PIC+tracking).
 - > Nearly-full-scale (non-PIC) simulations have been performed; promising results (B. Chen)
- > Nonlinear plasma lens developments (P. Drobniak et al.) making good progress:
 - > 2D simulations indicate desired nonlinear field; need higher external field
 - > Next experiments at CERN (possibly in May) will include higher external field
- > Spin polarization studies (E. Hørlyk et al.) about to start using ABEL

