

Activities & Plans *(Alexander Koschik)*

- Become MAD-X tracking module keeper (trrun.F)
 - Prepare for commissioning (→ ABP-BT/OP). Starting from injection.
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- Discussion sessions with André Verdier (→ Documentation)
 - Limitations of the tracking module (→ Documentation)
 - Check User & Physics Manual against current implementation in trrun.F
→ Triggered already discussion on (canonical) variables used for tracking!
 - Tracking with (large) δp . → Connected to canonical variables!
 - Hot topics (discussed over and over):
 - δp : To what extend is it treated correctly? Where are the limits?
→ Improve equations of motion?
 - R-bend vs. S-bend: How can confusion be avoided (update/change documentation)?
 - ...
 - Review the requirements for MAD-X tracking and decide on future strategy
abandon tracking and go to PTC, upgrade, complete rewrite, ...
 - Some ideas: Clean the code!, Add active elements? (Feedback, Wakefields, ...)