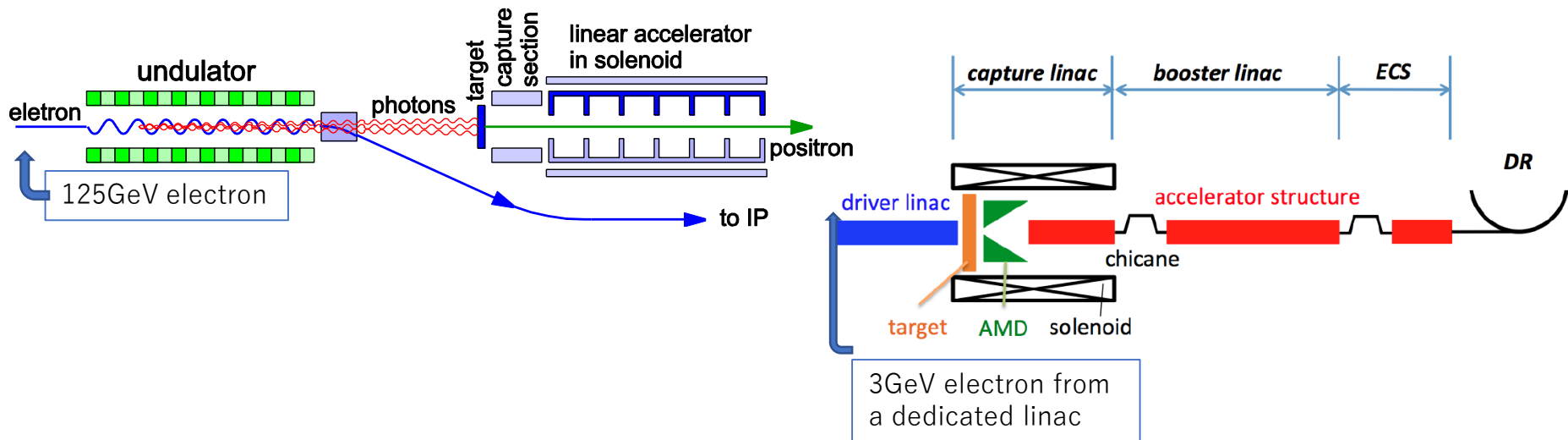


# Sources Subgroup Summary, Oct.5.2020

## K. Yokoya, IDT-WG2 Oct.6

- Participants: M. Kuriki, H. Hayano, G. Moortgat-Pick, J. Grames, K. Yokoya, S. Michizono, A. Lankford
- Timeline of IDT-WG2 : same as other three subgroups
- Most discussion concentrated on the problem specific to our subgroup, i.e., technology selection between
  - **Undulator scheme** (baseline) and
  - **Electron-driven scheme** (backup)



# Discussion on the “Selection”

- The general timeline demands the budget request by Feb.2021.
- “Selection” by this date seems impossible, but is the budget request possible without selection?
- If we postpone the selection, we have to invest our limited budget and human resources to the two schemes.
- It may be possible to start the Pre-Lab without the final selection.
- 100% feasibility must be guaranteed at the time of the selection. The technology for the e-Driven scheme is more mature now than the Undulator scheme, but not 100% now.
- No conclusion at this moment on this issue.

# Required Activities at ILC Pre-Lab

Three possible steps

- Feasibility demonstration in the IDT period (might extend to the first part of the Pre-Lab period?)
- 4 years of Pre-Lab
- For some items the development work might still be possible during the time of the tunnel construction

Start writing a table of the required activities.

- Kaoru presented an example table
- Improved table in the coming meetings
  - ✓ Undulator scheme: Gudi
  - ✓ e-Driven scheme: Masao
  - ✓ Electron source: Joe
- Eventually, we have to fill the columns of required cost and human resources and possible candidates of lab names

Next meeting on Oct.12 (Mon)  
Then, switch to every other Monday pattern