

# SID News

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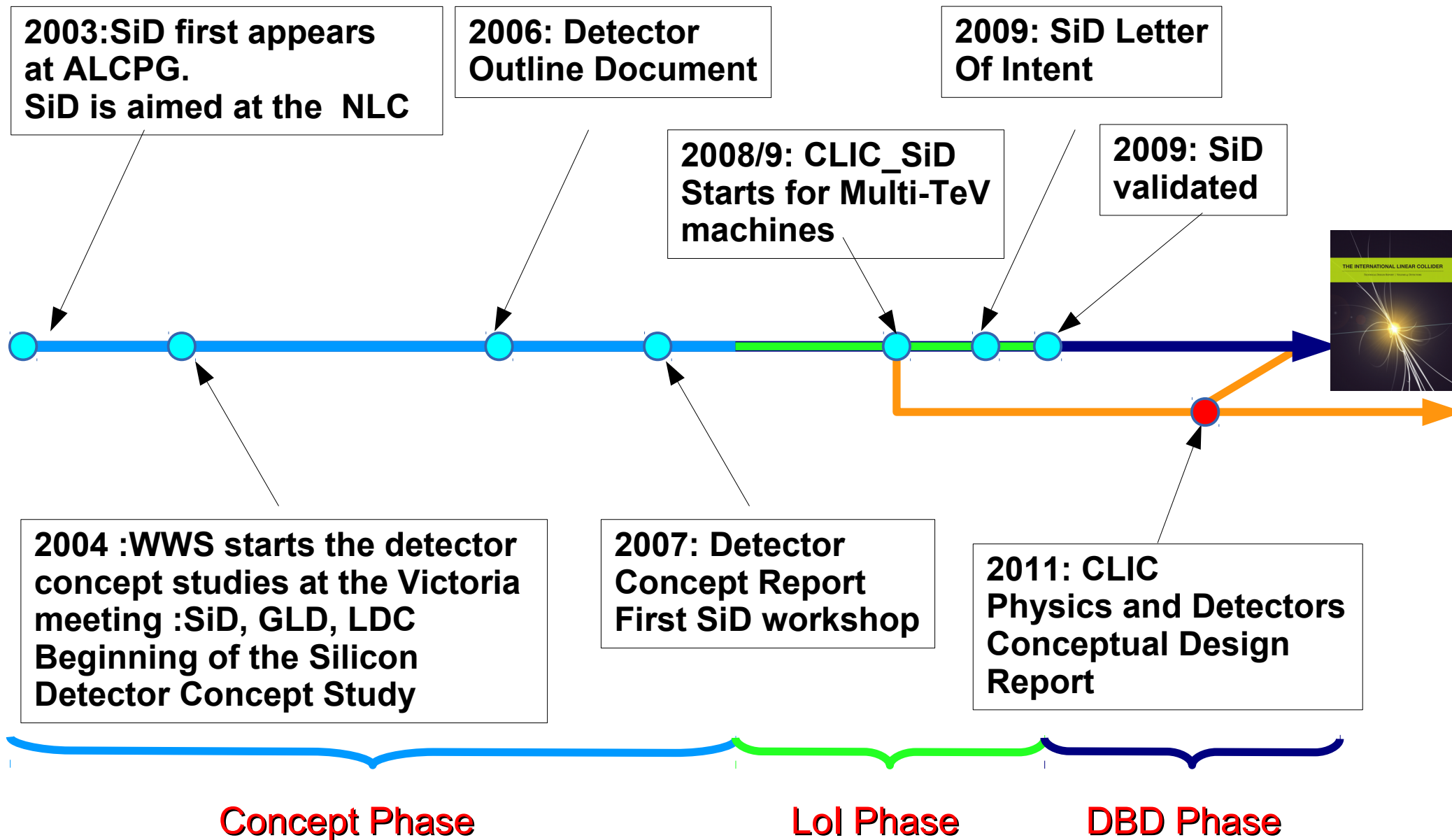


# Welcome to the SiD Meeting

- Welcome & Plans
- Update on KpiX work
- Optimization session & Discussion



# SiD – Historic Perspective





# Option A and Option B

- We're waiting to hear from Japan, depending on this outcome, we have two basic Options
- Option A
  - ILC gets a green enough light ....
- Option B
  - ILC is dead

- If the ILC gets a green enough light
- The real works starts
  - Get it into the European Strategy
  - How about P5
- For SiD to move forward
  - Start to grow the consortium and turn it into a collaboration
  - Attract Funding
  - Define what needs to be done
- We need to be able to make decisions
  - Hence re-activate regular meetings



# Option A cont'd

- General
  - Define 250 GeV layout
  - Define Upgrade Path up to 1 TeV
- Vertex and Tracking
  - Define an updated Geometry
  - Move to Pixels everywhere ...
- Calorimetry
  - SiW + AHCAL well defined solutions
  - Need to decide on layers, granularity etc
- Coil
  - Restart R&D to make a more cost-effective conductor
- Muon System
  - Define it !
- Software





# Option B

- ILC is dead ... but the SiD Consortium wants to move one
- SiD has been a very attractive concept
  - Many followers (e.g. CLIC, now CEPC)
- Write a final SiD Paper
  - Last complete documentation was the DBD
  - Working Title “The SiD Detector Concept for the ILC”
  - Publish it in JINST, NIM ...
  - Important to document what was done ...
- Explore Opportunities at CLIC or CEPC
  - As Consortium or as individuals

# Discussion





# Joining the consortium

- SiD is open to institutions and individuals
- Interested
  - Contact the spokespeople (Andy White & Marcel Stanitzki)
  - Or the Institute Board Chair (Phil Burrows)
- To formally apply, please send an email to the Chair of the Institute Board
  - The IB will approve the application