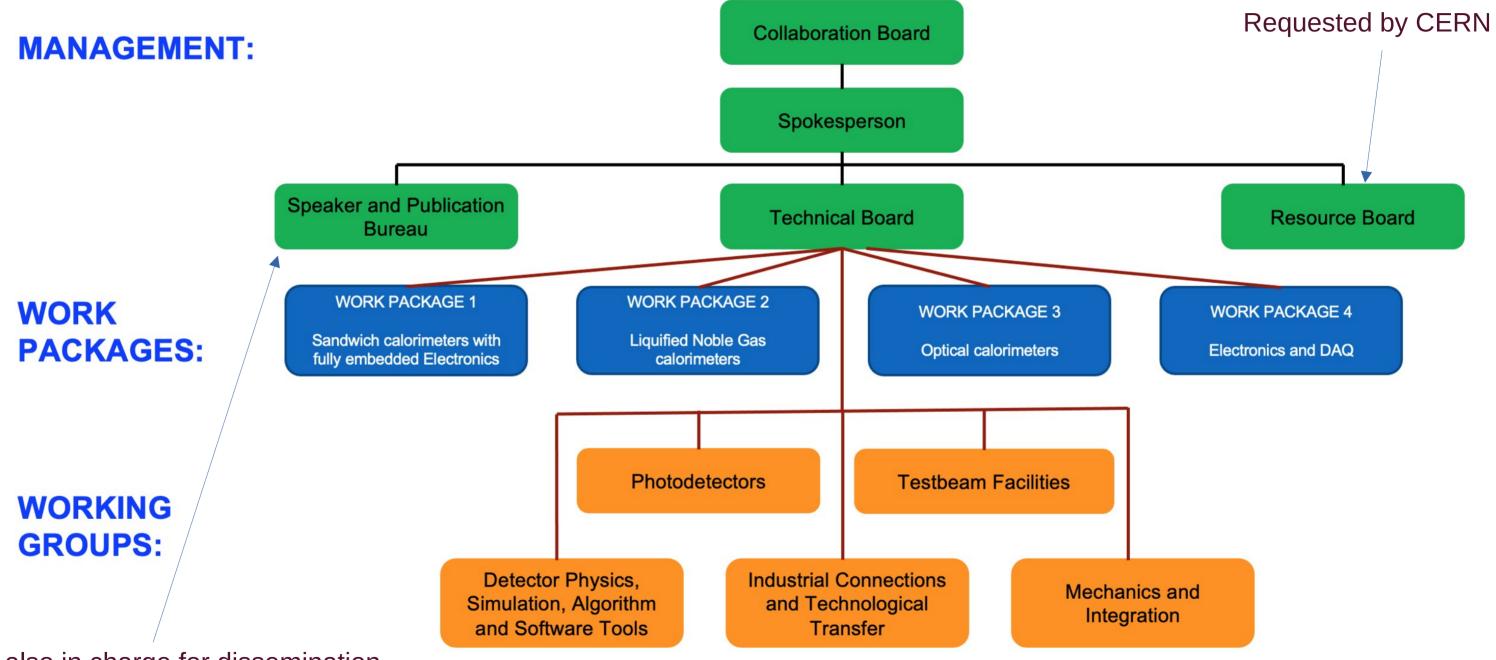




DRD6 – Proposed structure



After input-proposal collection and feedback from CERN and DRDC:



*SPB also in charge for dissemination



DRD6 – Proposed structure → started filling up



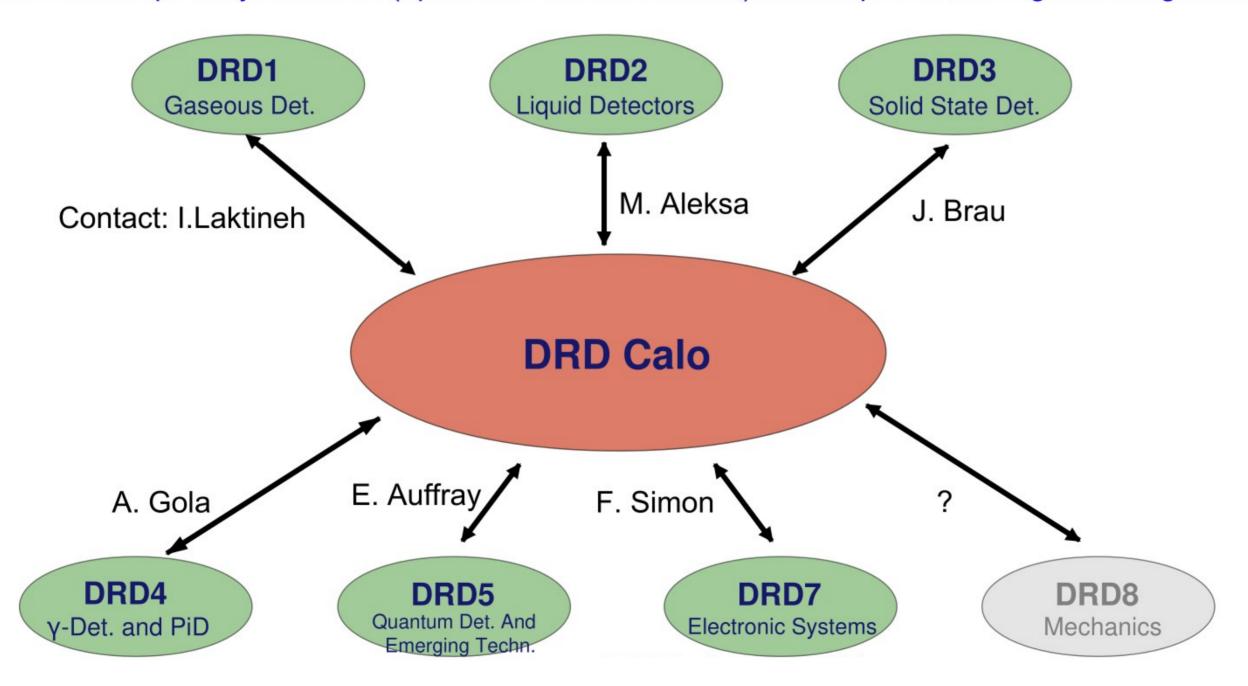
- 1) CB-Chair: R.F., elected about one moth ago
- 2) S.P.: to be elected in next ~10 days (Roman Poeschl, only candidate)
- 3) W.P. coordinators: process started (WP2 coordinator to be endorsed by CB on next Wednesday)
- 4) Other "top" management positions:
 Speaker and Publication Bureau Chair
 Technical Board Chair
 Resource Board Chair
 - → S.P. will identify and propose candidates in next weeks (to be endorsed by CB)



DRD6 – Interplay with other DRDs



No R&D on primary elements (apart from scint. materials) but adaptation, tuning and integration





DRD6 – Work Packages and Tasks



- WP 1: Sandwich calorimeters with fully embedded electronics
 - » Task 1.1: Highly pixelised electromagnetic section (4 sub-tasks)
 - » Task 1.2: Hadronic section with optical tiles (2 sub-tasks)
 - » Task 1.3: Hadronic section with gaseous readout (3 sub-tasks)
- WP 2: Liquefied-noble-gas calorimeters
- WP 3: Optical calorimeters: scintillating-based sampling and homogeneous calorimeters
 - » Task 3.1: Homogeneous and quasi-homogeneous EM calorimeters (3 sub-tasks)
 - » Task 3.2: Innovative sampling EM calorimeters (3 sub-tasks)
 - » Task 3.3: Hadronic sampling calorimeters (2 sub-tasks)
 - » Task 3.4: Materials (2 sub-tasks)
- WP 4: Electronics and DAQ



DRD6 - WP1 Tasks and Subtasks (→ Projects)



Elm. sections

Hadronic

sections

Task/Subtask Sensitive Material/ Absorber **DRDT** Task 1.1: Highly pixelised electromagnetic section Subtask 1.1.1: SiW-ECAL Silicon/Tungsten 6.2 6.2 Subtask 1.1.2: Highly compact calo Solid state (Si or GaAs)/Tungsten Subtask 1.1.3: DECAL CMOS MAPS/Tungsten 6.2, 6.3 Subtask 1.1.4: Sc-Ecal 6.2 Scintillating plastic strips/Tungsten Task 1.2: Hadronic section with optical tiles Subtask 1.2.1: AHCAL Scintillating plastic tiles/Steel 6.2 Subtask 1.2.2: ScintGlassHCAL 6.2 Heavy glass tiles/Steel Task 1.3: Hadronic section with gaseous readout 6.2 Subtask 1.3.1: T-SDHCAL Resistive Plate Chambers/Steel Subtask 1.3.2: MPGD-HCAL Multipattern Gas Detectors/Steel 6.2, 6.3 Subtask 1.3.3: ADRIANO3 Resistive Plate Chambers+Scintillating 6.1, 6.2, 6.3 plastic tiles/ Heavy Glass



DRD6 – WP3 Tasks and Subtasks (→ Projects)



Project	Scintillator/WLS	Photodetector	\mathbf{DRDTs}	Target
Task 3.1: Homogeneous and quasi-homogeneous EM calorimeters				
HGCCAL	BGO, LYSO	SiPMs	6.1, 6.2	e^+e^-
MAXICC	PWO, BGO, BSO	SiPMs	6.1, 6.2	e^+e^-
Crilin	PbF_2 , $PWO-UF$	SiPMs	6.2, 6.3	$\mu^+\mu^-$
Task 3.2: Innovative Sampling EM calorimeters				
GRAiNITA	ZnWO ₄ , BGO	SiPMs	6.1, 6.2	e^+e^-
SpaCal	GAGG, organic	MCP-PMTs,SiPMs	6.1, 6.3	e^+e^-/hh
RADiCAL	LYSO, LuAG	SiPMs	6.1, 6.2, 6.3	$\mathrm{e^{+}e^{-}/hh}$
Task 3.3: (EM+)Hadronic sampling calorimeters				
DRCal	PMMA, plastic	SiPMs, MCP	6.2	e^+e^-
TileCal	PEN, PET	SiPMs	6.2, 6.3	$\mathrm{e^{+}e^{-}/hh}$
Task 3.4: Materials				
ScintCal	-	-	6.1, 6.2, 6.3	$e^{+}e^{-}/\mu^{+}\mu^{-}/hh$
CryoDBD Cal	TeO, ZnSe, LiMoO NaMoO, ZnMoO	n.a.	-	DBD experiments



MoU (1)



MoU template yet to be provided by CERN legal service

- still waiting for → I.P. policy most sensitive issue
- Very light template
- Can/will be signed from both funding agencies and single institutes
- MoU not supposed to be modified in future
 - Very hard process → should go again under full signature cycle
 - However does not provide any legal binding
 - Moreover NOT strictly required for membership



MoU (2)



- Flexibility through "Annexes" (that CB can change whenever necessary or useful):
 - Any change has just to be notified to CERN by providing new version
 - Institute member list in Annex $1 \rightarrow$ revise at least once every year
 - Funding agency list in Annex 2
 - → Institutes can appear in both Annex 1 and Annex 2
 - ... Common fund contribute in Annex X (if any, it can be set to 0)



Membership (1)



- 1) Private Companies can not be full collaboration member
 - can participate through private agreements w/ institutes
- 2) At least 2 different ways to become full member:
 - a) Signature of MoU or Annex 1
 - b) Letter by the Institute Director/Head stating the willing to participate and the contribute that will, in case, be brought in
 - None provide legal binding → both closer to a "gentlemen agreement"
 than to a contract



Membership (2)



Annex $1 \rightarrow \text{initial version ready (131 Institutes)}$

- To be updated as soon as we have new institutes (two in the pipeline)
- To be checked
- Send it to Users Office as soon as we have green light
- Next, registration of institutes and members can start:
 - One module per institute (signed by institute director/head)
 - One module per member (signed by institute director/head)



Working Units (a.k.a. Projects)



- Subtasks ↔ Working Units ↔ Projects
 - Independent and self-organised
 - Responsible of their funds, resources, milestones, deliverables
 - Top management role only for
 - a) providing monitoring and support
 - b) catching common issues and sinergies
 - → optimise resource exploitation



CB Meeting Agenda – Endorsements (1)



CAVEAT:

This is still part of the ad-interim "bootstrap" procedure
In future, the procedure will be formalised in the Governance Rules that will be discussed and approved by the CB

- 1) Endorsement of this agenda
- Presentation of two new Institute proposed members
 New York University (Andy Haas)
 LAPP, Université Grenoble Alpes (Marco Delmastro)
- 3) Endorsement of two new institute membership(s)
- 4) Endorsement of (ad-interim) procedure for appointment of WP coordinators as follows:
 - » Each WP independently proposes a candidate
 - » The CB gives (or does not give) its endorsement to the candidate
- 5) Short presentation by Nicolas Morange, proposed W.P. leader of WP2
- 6) Endorsement of WP2 proposed coordinator



CB Meeting Agenda – Endorsements (2)



- 7) Endorsement of (ad-interim) procedure for Spokesperson election as follows:
 - » Spokesperson election will be organised electronically using EU-Survey or CERN Limesurvey tool
 - » The 50% quorum is required, thus currently 66 institutes have to cast a vote
 - » This quorum will be required for all voting rounds that might become necessary
 - » One can vote for candidate or abstain
 - » The Spokesperson is elected by the absolute majority of all cast votes
 - » If the candidate does not reach the absolute majority, a second round of voting is carried out
 - » Also in this second round, the Spokesperson is elected by the absolute majority of all cast votes
 - → Participation: quorum of at least 50% of eligible voters
 - → Election: quorum of at least 50% of votes cast in favour of the candidate
 - → Repeat election until quorum reached
- 8) Endorsement of (ad-interim) procedure for the appointment of the executive-body chairs as follows:
 - » The Spokesperson identifies the candidates after consultation with the Proposal Team
 - » The CB gives (or does not give) its endorsement to the candidate



Next steps



Build the full management structures ... need to:

- a) Appoint chairs of SPB, Technical and Resource Boards
- b) Also define Governance Rules, that will (also) define role and composition of above boards
- c) Define "bylaws" whenever thought necessary/useful:
 e.g.: rules for "general" publications and talks (whenever full Collaboration is concerned with)





Thanks for having appointed me as CB Chair









We are ready for having fun ...





We are ready for having fun ... but also funds ...





We are ready for having fun ... but also funds ...

That's all from my side ...