

# *Management Plan*

*David B. MacFarlane  
Spokesperson*



Stanford  
Linear  
Accelerator  
Center



# *Positions, Responsibilities, and Selection*

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- *Spokesperson and Executive Board*
  - Responsibilities of and selection procedures for these positions are covered in detail in the BABAR Collaboration Governance Rules.
- *Senior Management Team (from governance rules)*
  - Technical Coordinator
  - Physics Analysis Coordinator
  - Computing Coordinator
  - Spokesperson-Elect
  - Other individuals as designated by the Spokesperson and stipulated in the Management Plan.



# *Senior Management Team*

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## □ *Appointment Procedures*

- All appointments other than the Spokesperson-Elect, must be ratified by a simple majority of the entire Executive Board.
- Members of the Senior Management Team are designated to maintain close liaison with PEP-II and SLAC management.
- Spokesperson will designate a person to act as Spokesperson in his absence, to be approved by majority of Executive Board



# *Senior Management Team*

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- *Spokesperson*                      *David MacFarlane*
- *Technical Coordinator*            *Bill Wisniewski*
- *Analysis Coordinator*              *Chris Hearty*
- *Computing Coordinator*            *Stephen Gowdy*
- *Senior Advisor*                      *Marcello Giorgi*
- *Administrator*                      *Kathy Webb*



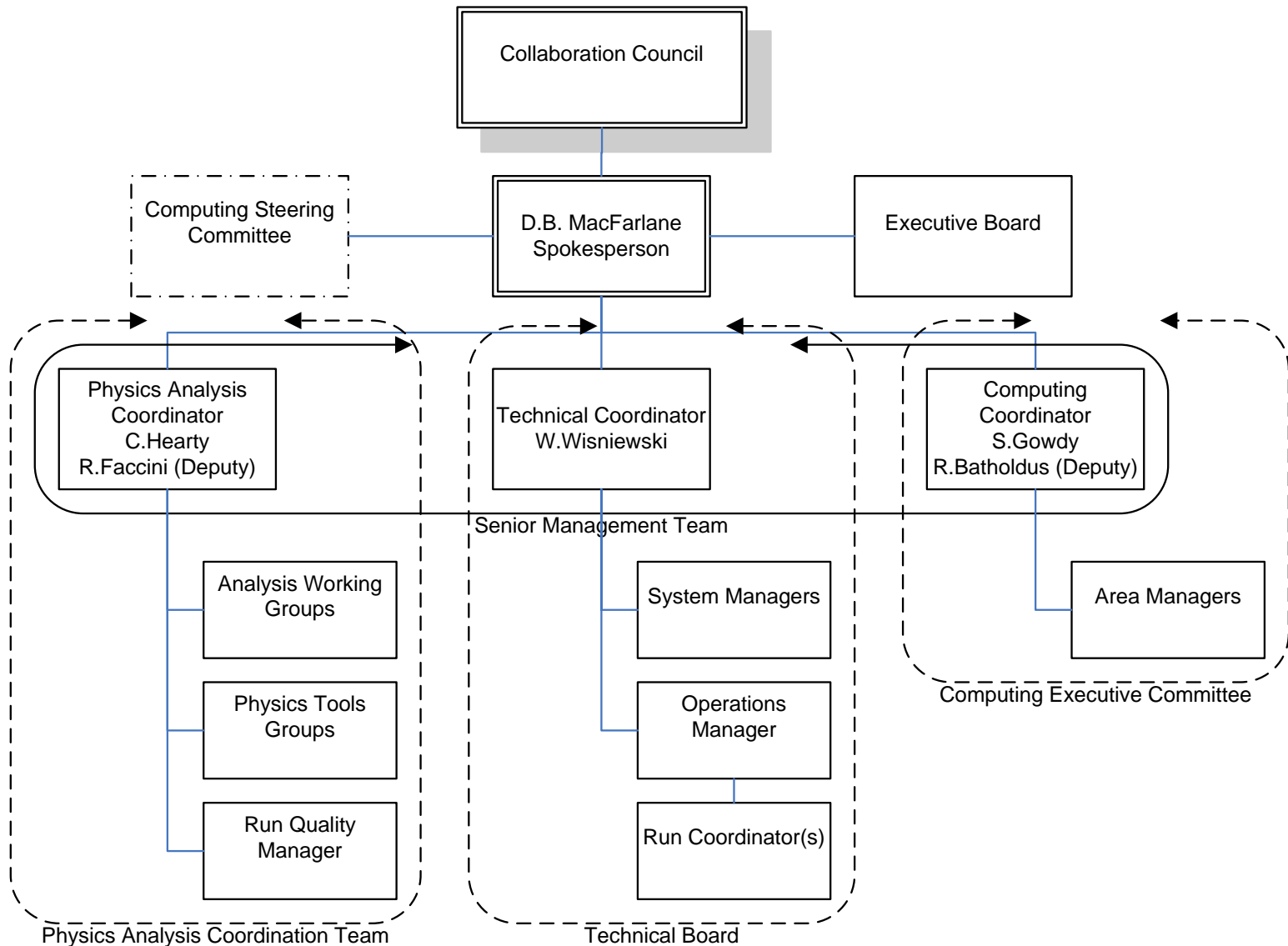
# Designated Contacts

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- *Acting Spokesperson - to represent collaboration in absence of Spokesperson*
  - Current designee: Bill Wisniewski
- *PEPII Contact:*
  - Current designee in addition to the Spokesperson: Bill Wisniewski
- *SLAC Management Liaison:*
  - Current designee in addition to the Spokesperson: Bill Wisniewski



# BABAR Organization Chart



# Technical Coordinator

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## □ *Selection*

- Proposed by Spokesperson after consultations between SLAC and BABAR Management; confirmed by majority of Executive Board for indefinite term

## □ *Responsibilities*

- Broadly responsible for all technical matters related to the BABAR detector
- In charge of the detector operations and hardware development
  - Manages resources to ensure capability to take data well adapted to the physics requirements of the experiment and to the conditions of the PEP-II rings
  - Supervises detector repairs and upgrades, anticipates and identifies potential problems, and is responsible for identifying the best strategy for their solution



# *Technical Coordinator*

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- o Chairs PEPII/BABAR Forum, and together with the Spokesperson is the designated point of contact between the experiment and PEP-II management
- o Chairs the Technical Board, which advises on medium- and long-term issues





# Physics Analysis Coordinator

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## □ *Selection*

- Proposed by Spokesperson via a search committee; confirmed by majority of Executive Board for a one year term as Deputy, followed by a year as PAC

## □ *Responsibilities:*

- Provides guidance on physics priorities, Monte Carlo production priorities, machine energy parameters, etc.
- Ensures efficient production of high-quality physics results that realize the full potential of the BABAR detector.
- Organizes Physics Analysis parallel and plenary sessions at Collaboration Meetings.
- Chairs Physics Analysis Coordination (PAC) Team.
- Organizes Analysis Working Groups (AWGs) and Physics Tools Groups.
- Appoints convener(s) of AWG's in consultation with AWG members



# Computing Coordinator

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## □ *Selection:*

- Proposed by Spokesperson via a search committee; confirmed by majority of Executive Board to serve for an indefinite term

## □ *Responsibilities:*

- Manages all aspects of BABAR computing, including offline computing, online computing, operations, and tools.
- Interacts with coordinators of these areas to plan and implement short- and long-term goals, and to ensure the integrity of the code.
- Coordinates wide-area networking.
- In consultation with the Collaboration, decides on supported platforms and code packages.
- Devises schedules for the development of BABAR software necessary to meet the physics goals of the experiment.
- Plans necessary hardware acquisitions with the directors of each Tier A computing site.



# Technical Board

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## □ *Role of Technical Board*

- To advise the Spokesperson on important mid-term and long-term technical and financial matters

## □ *Membership*

- Technical Coordinator (Chair)
- Spokesperson
- System Managers
- Operations Manager
- PEP-II Representative
- Chief Mechanical Engineer
- Chief Electronic Engineer
- Safety Officer
- Run Coordinator (s)
- Senior Management Team (ex officio)
- Representatives from Computing Organization (ex officio)



# Technical Board

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## □ *System managers\**

- Nominated by the Spokesperson and Technical Coordinator in consultation with SLAC management and the Technical Board for a term agreed by the Spokesperson and Technical Coordinator, not longer than three years
  - Confirmed by majority vote of Executive Board.
- Responsible for technical and financial aspects of the major detector systems
- Manage physicists and engineers involved

## □ *Operations manager*

- Reports to Technical Coordinator
- Coordinates BABAR activities in IR-2, working closely with system managers and with chief mechanical and electrical engineers.
- Proposes Run Coordinators to Technical Board

\*A System manager is not eligible to be an Executive Board Member, or a Senior Management Team Member.



# Technical Board

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## □ *Run Coordinators*

- Organize day-to-day BABAR operations
- Responsible for planning and filling BABAR shifts

## □ *Chief Engineers*

- Work with Operations manager and Technical Coordinator to design and implement maintenance, repairs, and improvements

## □ *Safety Officer*

- Maintains safe and efficient operations environment
- Reports to Spokesperson and Technical Coordinator



# *Physics Analysis Coordination Team*

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## □ *Role*

- Periodically advises the Physics Analysis Coordinator

## □ *Membership:*

- Spokesperson
- Physics Analysis Coordinator
- Computing Coordinator
- Deputy Physics Analysis Coordinator
- Chair of the Publications Board
- Chair of the Speakers Bureau
- Others invited by Physics Analysis Coordinator



# *Computing Executive Committee*

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## □ *Role:*

- Discussions of issues arising and decisions to be made
- Facilities coordination among different parts of computing
- Provides status reports to Computing Management

## □ *Members:*

- Computing Coordinator
- Deputy Computing Coordinator
- Membership is from people with responsibilities
  - in Computing and the PAC.
- Senior Management Team (ex officio)



# Computer Steering Committee

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## □ *Role*

- Reports to International Finance Committee on health of BABAR computing
- Advises BABAR management on computing issues

## □ *Membership*

- Directors of all Tier A Sites
- One BABAR physicist from each Tier-A country
- Two BABAR physicists at large
- BABAR Spokesperson or designates
- Chair proposed by BABAR management, confirmed by IFC





# *Other Boards and Committees*

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- *The Spokesperson and/or senior management team members work closely with several committees appointed by the Collaboration Council, serving in many instances as ex-officio members:*
  - Publications Board
  - Membership Committee
  - Speakers' Bureau
- *The Spokesperson and/or senior management team members interact closely with any other ad hoc committee, working and oversight group setup within the Collaboration*



# *A Statement of Principle*

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- *BABAR benefits greatly from a long established tradition, which emphasizes scientific excellence in an environment of mutual respect and collegiality. The Spokesperson and Management Team continue to be committed to maintaining this environment and to finding ways, where possible, to resolve interpersonal conflicts that are not consistent with this tradition.*

