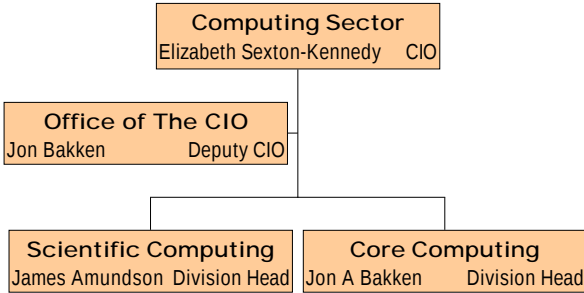


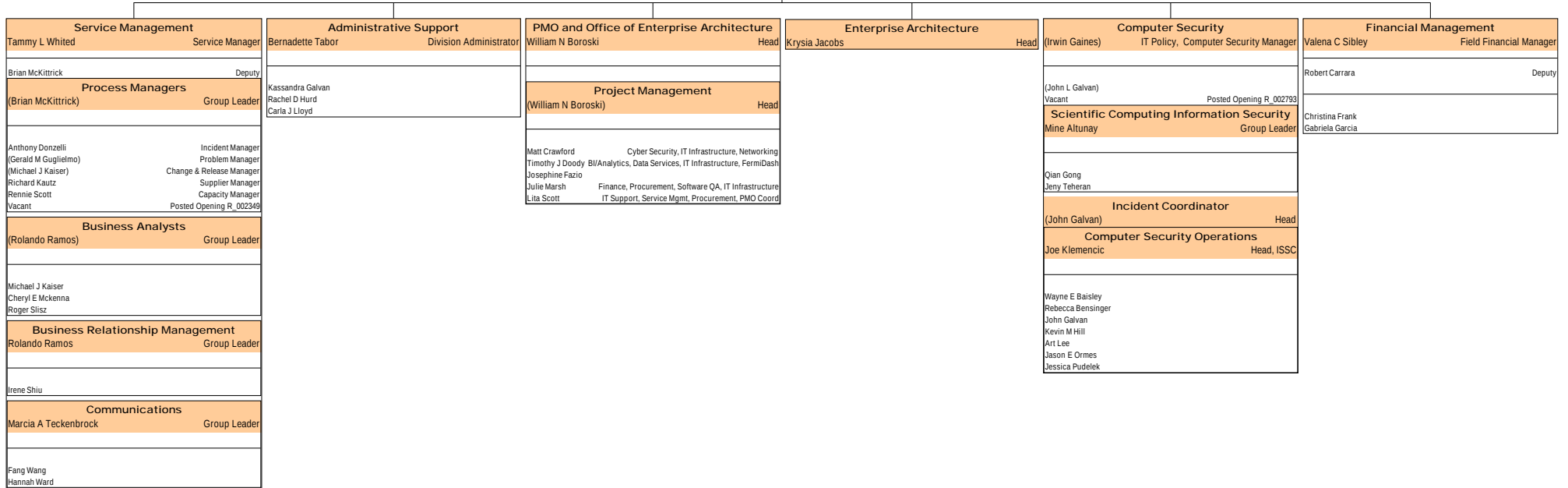
Computing Sector Organization Chart

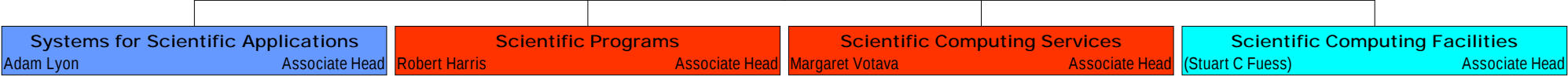
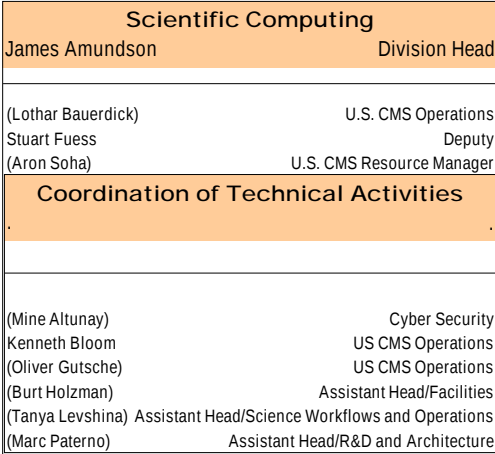


Signed Rob Roser Date October 1, 2018
Signed Jon Bakken Date October 1, 2018
Signed Panagiotis Spentzouris Date October 1, 2018



Office of The CIO	
Jon Bakken	Deputy CIO
Irwin Gaines (Adam B Walters) (Jonathan Ylisen)	CISO, ISSM Data Center Manager Safety Office





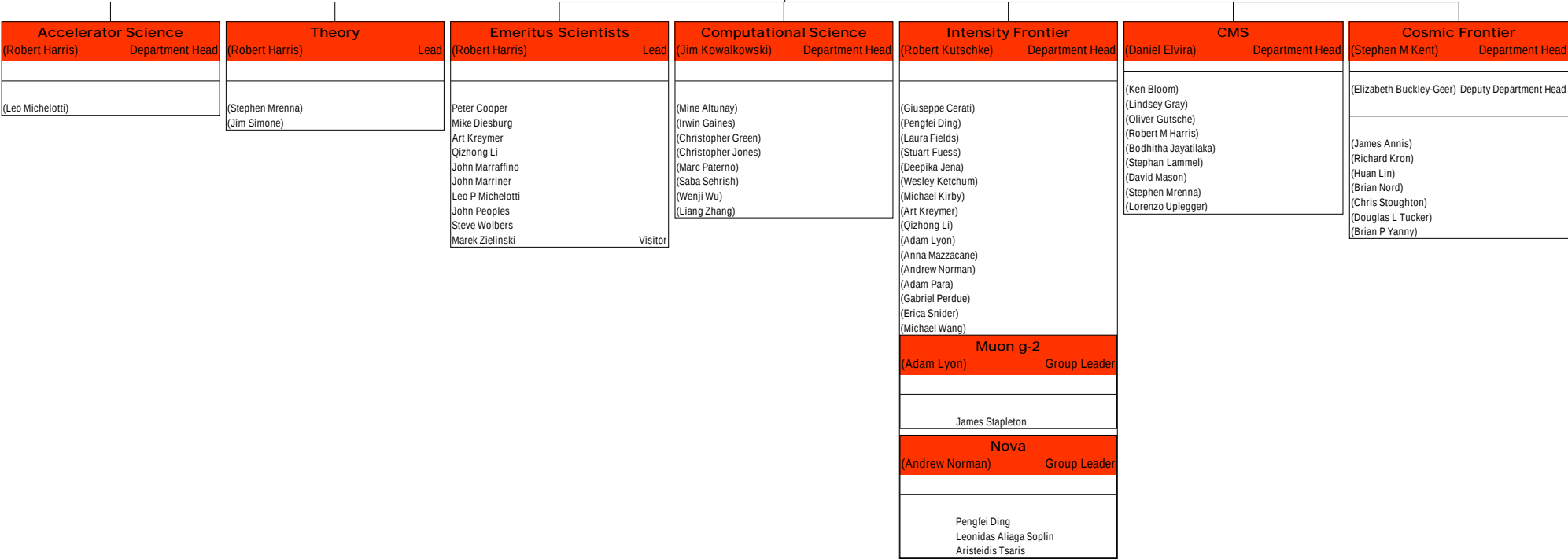
Systems for Scientific Applications	
Adam Lyon	Associate Head
Marc Paterno (Elizabeth Buckley-Geer) (Jim Kowalkowski)	Deputy Quadrant Head for R&D Deputy Quadrant Head for DAQ

Scientific Computing Applications	
Daniel Elvira	Department Head
(Sunanda Banerjee) Katherine Lato	CMS Contractor Tech Writer
Neutrino Simulation	
Laura Fields	Group Leader
(Steve Gardiner) Robert W Hatcher Deepika Jena (Soon Jun) (Gabriel Perdue) (Julia Yarba)	
Physics and Detector Simulation	
Krzysztof Genser	Group Leader
(Philippe G Canal) Soon Y. Jun Guilherme Lima Stephen Mrenna Adam Para Hans-Joachim Wenzel Julia Yarba	
Machine Intelligence and Reconstruction	
Rob Kutschke	Group Leader
Sophie Berman Giuseppe Cerati Allison Hall Brian Nord (Gabriel Perdue) Erica Snider (Aristeidis Tsaris) Michael Wang Marianette Wospakrik	
Accelerator Simulation	
Eric G Stern	Group Leader
Qiming Lu (Alexandru Macridin) Timofey Zolkin	

Scientific Software Infrastructure	
Christopher Jones	Department Head
Stephen Kent	Deputy
Framework and Software Technology	
Kyle Knoepfel	Group Leader
David Dagenhart Patrick E Gartung (Chris Green) Matti Kortelainen Paul S Russo	
Tools and Advanced Computing	
(Marc F Paterno)	Group Leader
James Annis Philippe G Canal Chris Green Eric Neilsen Jr. Huan Lin Saba Sehrish	

Real-Time Systems Engineering	
Elizabeth Buckley-Geer	Department Head
Alan Prosser Kurt Biery	Deputy Department Head
DAQ Controls And Detectors	
Gustavo I Cancelo	Group Leader
Chris Stoughton Kenneth R Treptow Neal G Wilcer Ted J Zmuda	
Real-Time Software Infrastructure	
Ronald D Rechenmacher	Group Leader
(Kurt Biery) Eric Flumerfelt John Freeman Wesley Ketchum Gennadiy A Lukhanin	
Detector Electronics	
Ryan A Rivera	Group Leader
(Lorenzo Uplegger) Assistant Group Leader	
Jose Berlioz John Chramowicz Gregory A Deuerling Lindsey Gray Richard K Kwarciany (Alan Prosser)	
Physics Research Equipment	
Lorenzo Uplegger	Group Leader
Matthew Cowans Jason Greskoviak (Alan Prosser)	On-Call

Scientific Programs
Robert Harris Associate Head



Scientific Computing Services	
Margaret Votava	Associate Head
Oliver Gutsche Eileen F Berman Andrew Norman	Deputy

Scientific Distributed Computing Solutions	
Tanya Levshina	Department Head
Michael H Kirby	Associate Deputy Head
Workflow Management and Provisioning	
Parag A Mhashilkar	Group Leader
<p style="text-align: center;">Dennis D Box Dave Dykstra Dirk Hufnagel Marco Mambelli Lorena Lobato Pardavila Seangchan Ryu</p>	
User Support for Distributed Computing	
Joe Boyd	Group Leader
<p style="text-align: center;">Shreyas Bhat Bruno Coimbra Vito Di Benedetto Lynn A Garren Ken Herner Nikolay P Kuropatkin Kevin Retzke</p>	

Scientific Data Processing Solutions	
Brian P Yanny	Department Head
Stephan Lammel	
Scientific Data Management	
Robert A Illingworth	Group Leader
Eric W Vaandering Assistant Group Leader	
<p style="text-align: center;">Igor V Mandrichenko Anna Mazzacane Marc W Mengel Natalia Ratnikova Brandon White</p>	
Scientific Database Applications	
Stephen White	Group Leader
<p style="text-align: center;">Yuyi Guo Vladimir Podstavkov Douglas L Tucker Margherita Vittone Wiersma</p>	
Workflow Operations for Distributed Computing	
Jen Adelman-Mccarthy	Group Leader
<p style="text-align: center;">Maria Acosta Visitor Pradeep Jasal Visitor Andres Felipe Quintero Parra Visitor</p>	

Scientific Computing Facilities	
(Stuart C Fuess)	Associate Head
Burt Holzman	Deputy
Amitoj Singh	Deputy
David Mason	U.S. CMS Tier-1 Facility Manager

High Performance Parallel Computing Facilities	
James N Simone	Department Head
(Amitoj G Singh)	Deputy Department Head
(Alex Kulyavtsev)	
Kenneth A Schumacher	
Alexei Strelchenko	
Rick Van Conant	

Data Center Operations	
Adam B Walters	Department Head
Timothy J Kasza	Assistant Department Head
Mark S Thomas	Building Manager
Facilities Support Operations	
(Timothy J Kasza)	Group Leader
William A Barker	
Keith L Coiley	
Vacant	Posted Opening R_002851

Data Movement And Storage	
Gene A Oleynik	Department Head
Bo Jayatilaka	Deputy Department Head
Vacant	Posted Opening R_002317
Data Movement Development	
Alexander Moibenko	Group Leader
Dmitry O Litvintsev	Assistant Group Leader
Alex Kulyavtsev	
Albert L Rossi	
Network Development	
Wenji Wu	Group Leader
Yu Jin	On-Call
Sajith Sasidharan	
Liang Zhang	
Storage Services Administration	
(Bo Jayatilaka)	Group Leader
John S Hendry	Assistant Group Leader
Chih-Hao Huang	
Terrance M Jones	
Tim Messer	
Daniel Szkola	
George Szmuksta	
Yujun Wu	

Experiment Computing Facilities	
Glenn Cooper	Department Head
David Fagan	Deputy Department Head
Vacant	Posted Opening R_002546
Scientific Linux & Architecture Management	
Bonnie King	Group Leader
Farhan Ahmed	
Scott Reid	
Patrick W Riehecky	
Scientific Server Infrastructure	
Edward A Simmonds	Group Leader
Chris Bonnaud	
Etta Burns	
Seth T Graham	
Timothy Skirvin	
Richard R Thompson	
Grid and Cloud Operations	
Anthony R Tiradani	Group Leader
Krista Larson	Assistant Group Leader
Merina Albert	
Farrukh Khan	
Hyun Woo Kim	
Nicholas Peregonow	
Steve Timm	

Core Computing	
Jon A Bakken	Division Head
Mark O Kaletka (Gerald M Guglielmo) (Robert Sieloff)	Deputy Head Associate Head South Dekota IT Operations Liasion

Business Infrastructure	
James M Fromm	Department Head
Enterprise Applications Operations	
Udaya Manikonda	Department Head
Network and Communication Services	
Ramon C Pasetes	Department Head

Service Operations Support	
Gerald M Guglielmo	Department Head
Information Resources	
Heath O'Connell	Department Head
Enterprise Services Operations	
Michael Rosier	Department Head

Business Infrastructure

James M Fromm

Department Head

Business Infrastructure Applications

(James M Fromm)

Group Leader

Sudha Balakrishnan

Lauri Loebel Carpenter

Pawel Grawender

Norman C Ho

Randy Reitz

Felix Sotres

Michael W Zalokar

Service Operations Support
Gerald M Guglielmo Department Head

NTT Data Managed Services
Darnell Green Program Manager

Desktop Engineering
Quinton C Healy Group Leader

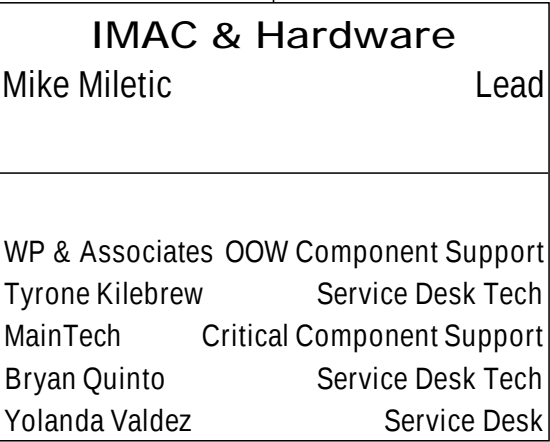
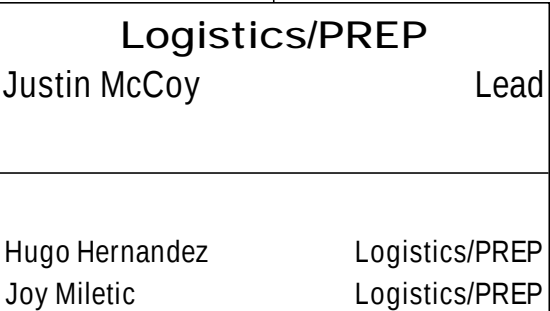
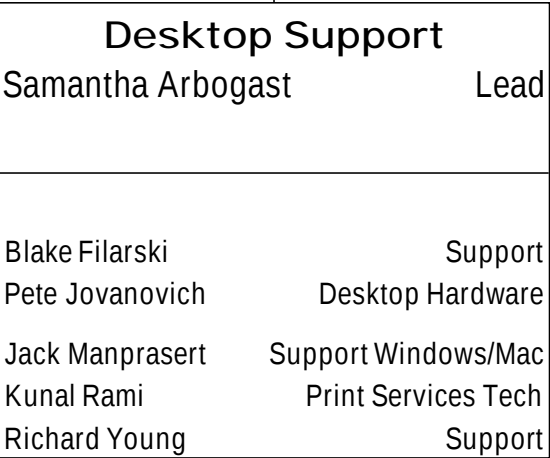
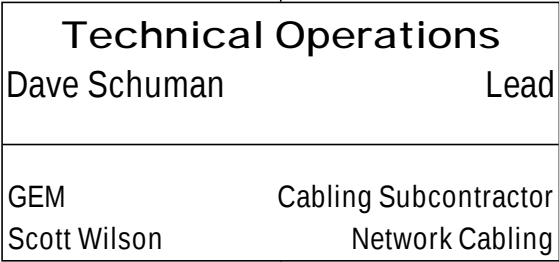
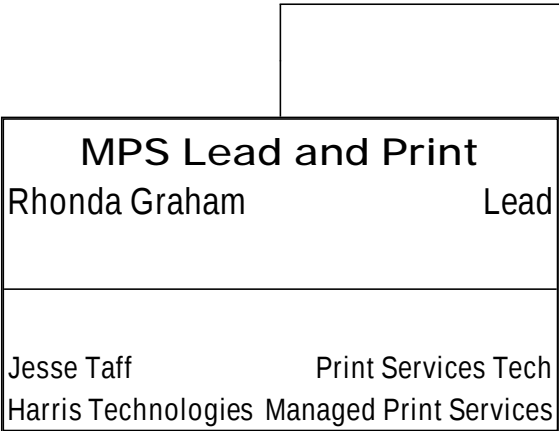
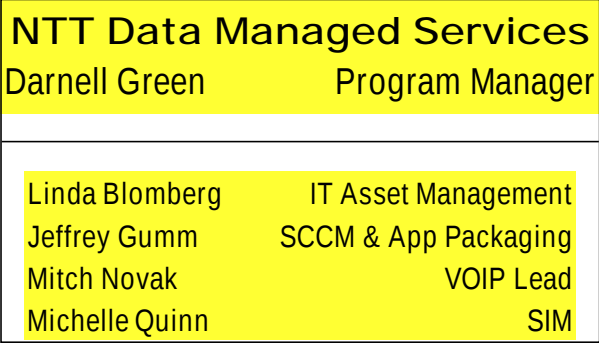
Geoffrey Cluts
Rich Eckert
Christopher Sheppard
Kirk T Skaar

Enterprise Engineering Applications
Tony W Metz Group Leader

David Lowell
Tom Porter

Authentication Services
Olga Terlyga Group Leader

Brittany Bossarte
Thomas R Bozonelos
Kevin J Conway
Saul Gonzalez
Al Lilianstrom
Vacant Posted Opening R_001882



Enterprise Applications Operations

Udaya Manikonda

Department Head

Craig R Mohler

Finance Applications

Venumadhav Bijumalla Group Leader

(Matthew Arena)

Kris Brandt

Datta Dave

Alaukik A Dhimar

Wei Gao

Sriram Sankaranarayanan

Eugene Wabomnor

Business Applications

Edith G Brown

Group Leader

Matthew Arena

(Kris Brandt)

Patricia Cameron

Robert Putyra

Madhuri Saridey Contractor/ESH&Q

Information Resources	
Heath O'Connell	Department Head
Cynthia Arnold	Printing Services
Kathryn Duerr	Records & Technical Publications

History and Archives	
Valerie Higgins	Group Leader
Karin Kemp	

Library	
Sandra Lee	Group Leader
(Melissa Clegg)	
Mary Cook	
Teresa Witt	

Content Management	
Keenan Newton	Group Leader
Muntasar Alsaray	
Robert Atkinson	
Penelope Constanta	
Laura M Mengel	
Kimberly I Myles	
Jean Reising	
Andrea Self	
Mohammed Yahya	

Inspire	
(Heath O'Connell)	Group Leader
(Robert Atkinson)	
Melissa Clegg	
Margaret Miller	
Kathy Saumell	

