

Proposal: BAG-03-3 **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: SOLDNER Torsten

Experimental Team: ALHARBI Thamer
BISWAS DIPAK
CAKIRLI R.Burcu
CLEMENT Emmanuel
CZERWINSKI Michal
DE FRANCE Gilles
DIDIERJEAN Francois
FRAILE Luis M
GRENTE Lucie
IVANOVA Desislava
JOHN Bency
JOLIE Jan
KISYOV Stanimir
KROELL Thorsten
LALKOVSKI Stefan
LEGUILLON ROMAIN
MUKHOPADHYAY Somsundar
OLAIZOLA Bruno
PAZIY Vadym
PODOLYAK Zsolt
REGAN Patrick
REGIS Jean-Marc
ROBERTS Oliver J.
SALSAC marie-delphine
TOWNSLEY Christopher
UR Calin Alexandru
VEDIA Victoria
WERNER Volker
WILSON Emma
ZIELINSKA Magda
RAMDHANE Mourad
CATFORD Wilton
LARIJANI Cyrus
TOM Alexander
THUERAUF Michael
ILIEVA Stoyanka
CARROLL Robert
BURNETT Jonathan
BRITTON Richard
DAVIES Ashley
WARR Nigel
PFEIFFER Michael
SINGH Purnima
ASTIER Alain
NAPOLI Daniel R.
IGNATOV Alexander
MILLION Benedicte
MENGONI Daniele
GOTTARDO andrea
HARTIG Anna-Lena
GURGI Laila

Proposal: BAG-03-3 **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: BISWAS DIPAK

Experimental Team: KROELL Thorsten
LALKOVSKI Stefan
LEGUILLON ROMAIN
MUKHOPADHYAY Somsundar
OLAIZOLA Bruno
PAZIY Vadym
PODOLYAK Zsolt
REGAN Patrick
REGIS Jean-Marc
ROBERTS Oliver J.
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GURGI Laila
BAJOGA Abubakar
LICA Razvan
GROCUTT Laura
MULHOLLAND Kieran
SMITH John
BERNARDS Christian
COOPER Nathan

Local Contact: BLANC Aurelien
SOLDNER Torsten
KOESTER Uli
JENTSCHER Michael
MUTTI Paolo

Samples:

Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **BISWAS DIPAK**

Local Contact: BLANC Aurelien
SOLDNER Torsten
KOESTER Ulli
JENTSCHEL Michael
MUTTI Paolo

Instrument	Req. Days	All. Days	From	To
PF1B	14	14	25/02/2013	22/03/2013

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **CLEMENT Emmanuel**

Experimental Team: ALHARBI Thamer
BISWAS DIPAK
CAKIRLI R.Burcu
CLEMENT Emmanuel
CZERWINSKI Michal
DE FRANCE Gilles
DIDIERJEAN Francois
FRAILE Luis M
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PODOLYAK Zsolt
REGAN Patrick
REGIS Jean-Marc

Proposal: BAG-03-3 **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: CLEMENT Emmanuel

Experimental Team: ROBERTS Oliver J.
 SALSAC marie-delphine
 TOWNSLEY Christopher
 UR Calin Alexandru
 VEDIA Victoria
 WERNER Volker
 WILSON Emma
 ZIELINSKA Magda
 RAMDHANE Mourad
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 LICA Razvan
 GROCUIT Laura
 MULHOLLAND Kieran
 SMITH John
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 COOPER Nathan

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Samples:

Instrument	Req. Days	All. Days	From	To
PF1B	14	14	25/02/2013	22/03/2013

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **CLEMENT Emmanuel**

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **DE FRANCE Gilles**

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
 CZERWINSKI Michal
 DE FRANCE Gilles
 DIDIERJEAN Francois
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Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **DE FRANCE Gilles**

Experimental Team: UR Calin Alexandru
VEDIA Victoria
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Local Contact: BLANC Aurelien
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Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **DE FRANCE Gilles**

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **FRAILE Luis M**

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
 CZERWINSKI Michal
 DE FRANCE Gilles
 DIDIERJEAN Francois
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Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **FRAILE Luis M**

Experimental Team: UR Calin Alexandru
VEDIA Victoria
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Local Contact: BLANC Aurelien
SOLDNER Torsten
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Samples:

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Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **FRAILE Luis M**

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **JOLIE Jan**

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
 CZERWINSKI Michal
 DE FRANCE Gilles
 DIDIERJEAN Francois
 FRAILE Luis M
 GRENTE Lucie
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 JOHN Bency
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 ROBERTS Oliver J.
 SALSAC marie-delphine
 TOWNSLEY Christopher

Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: JOLIE Jan

Experimental Team: UR Calin Alexandru
 VEDIA Victoria
 WERNER Volker
 WILSON Emma
 ZIELINSKA Magda
 RAMDHANE Mourad
 CATFORD Wilton
 LARIJANI Cyrus
 TOM Alexander
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 GROCUIT Laura
 MULHOLLAND Kieran
 SMITH John
 BERNARDS Christian
 COOPER Nathan

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Samples:

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Proposal: BAG-03-3 **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: KROELL Thorsten

Experimental Team: UR Calin Alexandru
VEDIA Victoria
WERNER Volker
WILSON Emma
ZIELINSKA Magda
RAMDHANE Mourad
CATFORD Wilton
LARIJANI Cyrus
TOM Alexander
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GROCUTT Laura
MULHOLLAND Kieran
SMITH John
BERNARDS Christian
COOPER Nathan

Local Contact: BLANC Aurelien
SOLDNER Torsten
KOESTER Ulli
JENTSCHEL Michael
MUTTI Paolo

Samples:

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Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **KROELL Thorsten**

Local Contact: BLANC Aurelien
SOLDNER Torsten
KOESTER Ulli
JENTSCHEL Michael
MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **LALKOVSKI Stefan**

Experimental Team: ALHARBI Thamer
BISWAS DIPAK
CAKIRLI R.Burcu
CLEMENT Emmanuel
CZERWINSKI Michal
DE FRANCE Gilles
DIDIERJEAN Francois
FRAILE Luis M
GRENTÉ Lucie
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JOLIE Jan
KISYOV Stanimir
KROELL Thorsten
LALKOVSKI Stefan
LEGUILLON ROMAIN
MUKHOPADHYAY Somsundar
OLAIZOLA Bruno
PAZIY Vadym
PODOLYAK Zsolt
REGAN Patrick
REGIS Jean-Marc
ROBERTS Oliver J.
SALSAC marie-delphine
TOWNSLEY Christopher

Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: LALKOVSKI Stefan
--

Experimental Team:	UR Calin Alexandru VEDIA Victoria WERNER Volker WILSON Emma ZIELINSKA Magda RAMDHANE Mourad CATFORD Wilton LARIJANI Cyrus TOM Alexander THUERAUF Michael ILIEVA Stoyanka CARROLL Robert BURNETT Jonathan BRITTON Richard DAVIES Ashley WARR Nigel PFEIFFER Michael SINGH Purnima ASTIER Alain NAPOLI Daniel R. IGNATOV Alexander MILLION Benedicte MENGONI Daniele GOTTARDO andrea HARTIG Anna-Lena GURGI Laila BAJOGA Abubakar LICA Razvan GROCUIT Laura MULHOLLAND Kieran SMITH John BERNARDS Christian COOPER Nathan
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Local Contact:	BLANC Aurelien SOLDNER Torsten KOESTER Ulli JENTSCHEL Michael MUTTI Paolo
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Samples:				
Instrument	Req. Days	All. Days	From	To
PF1B	14	14	25/02/2013	22/03/2013

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **LALKOVSKI Stefan**

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **LEONI Silvia**

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
 CZERWINSKI Michal
 DE FRANCE Gilles
 DIDIERJEAN Francois
 FRAILE Luis M
 GREUTE Lucie
 IVANOVA Desislava
 JOHN Bency
 JOLIE Jan
 KISYOV Stanimir
 KROELL Thorsten
 LALKOVSKI Stefan
 LEGUILLON ROMAIN
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 PODOLYAK Zsolt
 REGAN Patrick
 REGIS Jean-Marc
 ROBERTS Oliver J.
 SALSAC marie-delphine
 TOWNSLEY Christopher

Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: LEONI Silvia

Experimental Team:	UR Calin Alexandru VEDIA Victoria WERNER Volker WILSON Emma ZIELINSKA Magda RAMDHANE Mourad CATFORD Wilton LARIJANI Cyrus TOM Alexander THUERAUF Michael ILIEVA Stoyanka CARROLL Robert BURNETT Jonathan BRITTON Richard DAVIES Ashley WARR Nigel PFEIFFER Michael SINGH Purnima ASTIER Alain NAPOLI Daniel R. IGNATOV Alexander MILLION Benedicte MENGONI Daniele GOTTARDO andrea HARTIG Anna-Lena GURGI Laila BAJOGA Abubakar LICA Razvan GROCUIT Laura MULHOLLAND Kieran SMITH John BERNARDS Christian COOPER Nathan
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Local Contact:	BLANC Aurelien SOLDNER Torsten KOESTER Ulli JENTSCHEL Michael MUTTI Paolo
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Instrument	Req. Days	All. Days	From	To
PF1B	14	14	25/02/2013	22/03/2013

Proposal: BAG-03-3 **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: LEONI Silvia

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: BAG-03-3 **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: LOZEVA Radomira

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
 CZERWINSKI Michal
 DE FRANCE Gilles
 DIDIERJEAN Francois
 FRAILE Luis M
 GREUTE Lucie
 IVANOVA Desislava
 JOHN Bency
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 KISYOV Stanimir
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 LALKOVSKI Stefan
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 REGIS Jean-Marc
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 SALSAC marie-delphine
 TOWNSLEY Christopher

Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: LOZEVA Radomira

Experimental Team:	UR Calin Alexandru VEDIA Victoria WERNER Volker WILSON Emma ZIELINSKA Magda RAMDHANE Mourad CATFORD Wilton LARIJANI Cyrus TOM Alexander THUERAUF Michael ILIEVA Stoyanka CARROLL Robert BURNETT Jonathan BRITTON Richard DAVIES Ashley WARR Nigel PFEIFFER Michael SINGH Purnima ASTIER Alain NAPOLI Daniel R. IGNATOV Alexander MILLION Benedicte MENGONI Daniele GOTTARDO andrea HARTIG Anna-Lena GURGI Laila BAJOGA Abubakar LICA Razvan GROCUIT Laura MULHOLLAND Kieran SMITH John BERNARDS Christian COOPER Nathan
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Local Contact:	BLANC Aurelien SOLDNER Torsten KOESTER Ulli JENTSCHEL Michael MUTTI Paolo
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Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **LOZEVA Radomira**

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **REGAN Patrick**

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
 CZERWINSKI Michal
 DE FRANCE Gilles
 DIDIERJEAN Francois
 FRAILE Luis M
 GREUTE Lucie
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Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: REGAN Patrick

Experimental Team:	UR Calin Alexandru VEDIA Victoria WERNER Volker WILSON Emma ZIELINSKA Magda RAMDHANE Mourad CATFORD Wilton LARIJANI Cyrus TOM Alexander THUERAUF Michael ILIEVA Stoyanka CARROLL Robert BURNETT Jonathan BRITTON Richard DAVIES Ashley WARR Nigel PFEIFFER Michael SINGH Purnima ASTIER Alain NAPOLI Daniel R. IGNATOV Alexander MILLION Benedicte MENGONI Daniele GOTTARDO andrea HARTIG Anna-Lena GURGI Laila BAJOGA Abubakar LICA Razvan GROCUIT Laura MULHOLLAND Kieran SMITH John BERNARDS Christian COOPER Nathan
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Local Contact:	BLANC Aurelien SOLDNER Torsten KOESTER Ulli JENTSCHEL Michael MUTTI Paolo
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Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **REGAN Patrick**

Local Contact: BLANC Aurelien
 SOLDNER Torsten
 KOESTER Ulli
 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **ROBERTS Oliver J.**

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
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 DE FRANCE Gilles
 DIDIERJEAN Francois
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Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: ROBERTS Oliver J.
--

Experimental Team:	UR Calin Alexandru VEDIA Victoria WERNER Volker WILSON Emma ZIELINSKA Magda RAMDHANE Mourad CATFORD Wilton LARIJANI Cyrus TOM Alexander THUERAUF Michael ILIEVA Stoyanka CARROLL Robert BURNETT Jonathan BRITTON Richard DAVIES Ashley WARR Nigel PFEIFFER Michael SINGH Purnima ASTIER Alain NAPOLI Daniel R. IGNATOV Alexander MILLION Benedicte MENGONI Daniele GOTTARDO andrea HARTIG Anna-Lena GURGI Laila BAJOGA Abubakar LICA Razvan GROCUIT Laura MULHOLLAND Kieran SMITH John BERNARDS Christian COOPER Nathan
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Local Contact:	BLANC Aurelien SOLDNER Torsten KOESTER Ulli JENTSCHEL Michael MUTTI Paolo
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Proposal: BAG-03-3 **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: ROBERTS Oliver J.

Local Contact: BLANC Aurelien
 SOLDNER Torsten
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 JENTSCHEL Michael
 MUTTI Paolo

Abstract:

Proposal: BAG-03-3 **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: RZACA-URBAN Teresa

Experimental Team: ALHARBI Thamer
 BISWAS DIPAK
 CAKIRLI R.Burcu
 CLEMENT Emmanuel
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 DE FRANCE Gilles
 DIDIERJEAN Francois
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Proposal: BAG-03-3 **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: RZACA-URBAN Teresa

Experimental Team: UR Calin Alexandru
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HARTIG Anna-Lena
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SMITH John
BERNARDS Christian
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Local Contact: BLANC Aurelien
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KOESTER Ulli
JENTSCHEL Michael
MUTTI Paolo

Samples:

Instrument	Req. Days	All. Days	From	To
PF1B	14	14	25/02/2013	22/03/2013

Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **RZACA-URBAN Teresa**

Local Contact: BLANC Aurelien
SOLDNER Torsten
KOESTER Ulli
JENTSCHEL Michael
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Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **SALSAC marie-delphine**

Experimental Team: ALHARBI Thamer
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REGIS Jean-Marc
ROBERTS Oliver J.
SALSAC marie-delphine
TOWNSLEY Christopher

Proposal:	BAG-03-3	Council:	10/2012
Title:	EXILL - FATIMA		
This proposal is a new proposal			
Research Area:	Nuclear and Particle Physics		

Main proposer: SALSAC marie-delphine

Experimental Team:

- UR Calin Alexandru
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This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **SALSAC marie-delphine**

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Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: **SIMPSON Gary**

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Main proposer: SIMPSON Gary

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Main proposer: WERNER Volker

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Local Contact:	BLANC Aurelien SOLDNER Torsten KOESTER Ulli JENTSCHEL Michael MUTTI Paolo
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Abstract:

Proposal: **BAG-03-3** **Council:** 10/2012
Title: EXILL - FATIMA
This proposal is a new proposal
Research Area: Nuclear and Particle Physics

Main proposer: **ZIELINSKA Magda**

Experimental Team: ALHARBI Thamer
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Proposal:	BAG-03-3	Council:	10/2012
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Research Area:	Nuclear and Particle Physics		

Main proposer: ZIELINSKA Magda

Experimental Team:	UR Calin Alexandru VEDIA Victoria WERNER Volker WILSON Emma ZIELINSKA Magda RAMDHANE Mourad CATFORD Wilton LARIJANI Cyrus TOM Alexander THUERAUF Michael ILIEVA Stoyanka CARROLL Robert BURNETT Jonathan BRITTON Richard DAVIES Ashley WARR Nigel PFEIFFER Michael SINGH Purnima ASTIER Alain NAPOLI Daniel R. IGNATOV Alexander MILLION Benedicte MENGONI Daniele GOTTARDO andrea HARTIG Anna-Lena GURGI Laila BAJOGA Abubakar LICA Razvan GROCUIT Laura MULHOLLAND Kieran SMITH John BERNARDS Christian COOPER Nathan
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PF1B	14	14	25/02/2013	22/03/2013

Proposal: BAG-03-3 **Council:** 10/2012

Title: EXILL - FATIMA

This proposal is a new proposal

Research Area: Nuclear and Particle Physics

Main proposer: ZIELINSKA Magda

Local Contact: BLANC Aurelien
SOLDNER Torsten
KOESTER Ulli
JENTSCHEL Michael
MUTTI Paolo

Abstract:

Your proposal : BAG-03-3
Title : EXILL - FATIMA
Instrument : PF1B
From :25/02/13 To : 22/03/13Spokesperson : E. Clément (GANIL)

As a reminder the goal of the experiment was to investigate the rapid onset of quadrupole deformation that is known to occur around the neutron number $N=60$ in the neutron-rich isotopes between $Z=36$ and $Z=42$. This shape change has made of the neutron-rich $A = 100$ region an active area of experimental and theoretical studies since several decades already. The involved nuclei are the best examples of the interplay between single-particle and collective modes of excitation in the nuclear matter. In such regions, large variations of the observed spectroscopic properties at a particular proton or neutron number make the theoretical interpretation particularly challenging.

The “south” limit of the phenomenon has been proposed in the Kr chain [S. Naimi *et al.*, Phys. Rev. Lett. 105, 032502 (2010)] from mass measurement. In the first part of the EXILL campaign, our group is aiming to study the collectivity of the $N=60$ ^{96}Kr beyond the first excited state recently reported [M. Albers *et al.*, Phys.Rev.Lett. 108, 062701 (2012).] in the first part of the campaign (see BAG-03-04).

Odd mass nuclei are ideal laboratories to disentangle the role of both protons and neutrons in the deformation driving process. Beyond $N=60$, the configuration corresponding to large deformation dominate at low excitation energy. We propose to investigate systematically the $N=61$ isotonic chain by measuring the lifetime of excited state built on top of the rotational band head identify in earlier fission work [W. Urban *et al.*, Eur. Phys. J. A 22, 241 (2004), G. Lhersonneau *et al.*, Phys. Rev. C 51, 1212 (1985) and references therein]. Below an excitation energy of about 1 MeV, all experimental levels in Zr are associated either with Nilsson orbitals or with corresponding band members. Several collective structures were understood within the particle+rotor model calling for a systematic comparison of $B(E2)$ with neighboring even-even nuclei.

Of particular interest, we are aiming to measure the collectivity of 3 coexisting structure:

- The $\nu 3/2[411]$ ground state band (positive parity band)
- The first excited $\nu 5/2[532]$ band (negative parity band)
- The $\nu 9/2[404]$ neutron hole excitation band based on an isomeric $9/2+$ state

We proposed the study of the ^{101}Zr , ^{102}Nb and ^{103}Mo isotopes. The coupling of the Ge detectors from EXILL and the LaBr₃ of FATIMA will allow a direct measurement of the lifetimes in the range ~ 10 ps to a few ns .

Data were collected at the PF1B beam line according to schedule.

The data analysis has started at the laboratory only very recently. The data analysis is performed by C. Michelagnoli at GANIL who has successfully obtained a three years contract starting in October 2013 who has also as scientific objective the data analysis of the BAG-03-4 experiment.

First work on the calibration of the detector has started beginning of 2014.