

**Date:** Tue, 9 Feb 2016 16:00:38 -0500 (EST)  
**From:** lspencer@osa.org  
**Reply-to:** lspencer@osa.org  
**To:** esarmiento@ifisica.uaslp.mx  
**Subject:** Biomedical Optics 2016 Presentation Status  
Dear Erick Sarmiento-Gomez,

Congreso 26-29  
Florida

On behalf of the Optical Tomography and Spectroscopy: Theoretical methods, modeling, and image reconstruction Technical Program Committee, we are pleased to inform you that your paper has been accepted and sessioned as a poster presentation at Biomedical Optics Congress, which will be held at the The Diplomat Resort and Spa, Hollywood, Florida, USA (the Fort Lauderdale area).

#### PAPER INFORMATION

Control Number: 2458449 (number required to obtain the "presenting author" discount for registration.)  
Paper Title: GA-GPUMCML: A New GPU Accelerated Algorithm for Optical Properties Recovery  
Author block: Erick Sarmiento-Gomez(1); Beatriz Morales-Cruzado(2); 1. Instituto de Fisica, UASLP, San Luis Potosi, SLP, Mexico. 2. Facultad de Ingenieria, UASLP, San Luis Potosi, Mexico.

#### PRESENTATION INFORMATION

Presentation Number: JTU3A.16  
Presenting Author: Erick Sarmiento-Gomez  
Your Presentation Time: 1:30 PM to 3:30 PM  
Session Time and Dates: April 26, 2016 from 1:30 PM to 3:30 PM  
Session Title: Joint Poster Session II

The additional authors on your paper will not be notified. Forward this email to your co-authors, if applicable. Your publishing author list:  
Erick Sarmiento-Gomez(1); Beatriz Morales-Cruzado(2)

\*Any reference numbers listed in this author list will be superscripted in the conference program planner and the conference program. If you see any discrepancies in this author block, please send changes to cstech@osa.org no later than Wednesday, 17 February.

#### POSTER INFORMATION

All poster presenters will be supplied with a bulletin board that is 8-feet high x 4-feet wide. As the bottom 3 feet are often difficult to view, please plan to have your poster fit within a section that is 5-feet high x 4-foot wide (152 cm x 121 cm). Presenters will be provided with pins. Posters can be set up on the day of your presentation starting at 07:30. Posters will need to be taken down immediately after the poster session. Authors must remain in the vicinity of the bulletin board for the duration of the session (90 minutes) to answer questions. Poster presenters are not supplied with any audiovisual equipment.

This year we are giving each poster presenter an opportunity to send us a PDF of their poster presentation(s) for inclusion in OSA Publishing's Digital Library. Submit your poster PDF no later than 29 May 2016 to lspencer@osa.org. Your PDF should be named using your presentation number with "-1" added at the end (JTU3A.16 -1.pdf.)

#### VISAS/LETTERS OF INVITATION:

Due to increasing delays in securing visas, we strongly encourage international attendees to begin this process as early as possible to ensure timely processing. Refer to the Letters of Invitation section on the bottom of the hotel and travel page. If you require a letter of invitation, you must apply using the online form.

#### REGISTRATION NOTE:

To take advantage of pre-registration rates for the meeting, please register by 18 September 2015. Special discount rates for presenting authors and students are available. To obtain the presenting author discount, the control number is required during registration. Students registering at the discounted student rate must be able to present a valid student ID at the meeting. Click here for complete registration information.

We also encourage you to make your housing reservations by 16 September 2015 to take advantage of special rates for Conference attendees. Refer to the hotel and travel page for more information.

**PUBLICATION:**

Summary papers will be published in the exact format in which they were submitted. Papers not presented at the conference will be listed as "non-presented" in Optics InfoBase, OSA's Digital Library.

If you have any questions, please contact me at [lspencer@osa.org](mailto:lspencer@osa.org) or calling 202-416-1412.

Best regards,  
Laura Spencer  
OSA Senior Program Manager  
[lspencer@osa.org](mailto:lspencer@osa.org)

**VISAS/LETTERS OF INVITATION:**

Due to increasing delays in securing visas, we strongly encourage international attendees to begin this process as early as possible to ensure timely processing. Refer to the Letters of Invitation section on the bottom of the hotel and travel page. If you require a letter of invitation, you must apply using the online form.

**REGISTRATION NOTE:**

To take advantage of pre-registration rates for the meeting, please register by 28 March 2016. Special discount rates for presenting authors and students are available. To obtain the presenting author discount, the control number is required during registration. Students registering at the discounted student rate must be able to present a valid student ID at the meeting. [Click here for complete registration information.](#)

We also encourage you to make your housing reservations by 16 September 2015 to take advantage of special rates for Conference attendees. Refer to the hotel and travel page for more information.

**PUBLICATION:**

Summary papers will be published in the exact format in which they were submitted. Papers not presented at the conference will be listed as "non-presented" in Optics InfoBase, OSA's Digital Library.

If you have any questions, please contact me at [lspencer@osa.org](mailto:lspencer@osa.org) or calling 202-416-1412.

Best regards,  
Laura Spencer  
OSA Senior Program Manager  
[lspencer@osa.org](mailto:lspencer@osa.org)

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### 47th Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics Monday–Friday, May 23–27, 2016; Providence, Rhode Island

**Session Q1: Poster Session III (4:00pm–6:00pm)**  
4:00 PM–4:00 PM, Thursday, May 26, 2016  
Room: Exhibit Hall C

Abstract ID: BAPS.2015.DAMOP.Q1.164

**Abstract: Q1.00163 : Highly birefringent crystal for Raman transitions with phase modulators**

[Preview Abstract](#)

[MathJax On | Off](#) [← Abstract →](#)

#### Authors:

Yoshitaka Aoki  
(Physics Institute, Autonomous University of San Luis Potosí)

Vahide Abediyeh  
(Physics Institute, Autonomous University of San Luis Potosí)


Saeed Hamzeibou  
(Physics Institute, Autonomous University of San Luis Potosí)

Yasser Jeronimo-Moreno  
(Physics Institute, Autonomous University of San Luis Potosí)

Eduardo Gomez  
(Physics Institute, Autonomous University of San Luis Potosí)

We present a system to excite Raman transitions with minimum phase noise. The system uses a phase modulator to generate the phase locked beams required for the transition. We use a long calcite crystal to filter out one of the sidebands, avoiding the cancellation that appears at high detunings for phase modulation. The measured phase noise is limited by the quality of the microwave synthesizer. We use the calcite crystal a second time to produce a co-propagating Raman pair with perpendicular polarizations to drive velocity insensitive Raman transitions.

To cite this abstract, use the following reference: <https://meeting.aps.org/showmeeting/aps2016/BAPS.2015.DAMOP.Q1.164>





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**47th Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics**  
 Monday–Friday, May 23–27, 2016; Providence, Rhode Island

**Session N5: Atom Interferometers**  
 10:30 AM–12:30 PM, Thursday, May 26, 2016  
 Room: 551AB

Chair: Jason Hegam, Stanford University

Abstract ID: BAPS.2016.DAMOP.N5.5

**Abstract: N5.00005 : Dual interferometry with a tunable point of minimum magnetic sensitivity**  
 11:16 AM–11:30 AM

[Preview Abstract](#)

[MathJax On | Off](#)   [← Abstract →](#)

- Authors:**
- Eduardo Gomez  
(Physics Institute, Autonomous University of San Luis Potosí)
  - Saeed Marzouk  
(Physics Institute, Autonomous University of San Luis Potosí)
  - Daniela Martínez  
(Physics Institute, Autonomous University of San Luis Potosí)
  - Yaroslav Abadiyev  
(Physics Institute, Autonomous University of San Luis Potosí)
  - Héctor Aza  
(Physics Institute, Autonomous University of San Luis Potosí)
  - Victor Manuel Valenzuela  
(Autonomous University of Sinaloa)

The clock transition is well known for its minimum magnetic sensitivity at  $B=0$ . The hyperfine transition between  $F=1, m_F=1$  and  $F=2, m_F=1$  in  $^{87}\text{Rb}$  also shows a point of minimum magnetic sensitivity but it happens at a field of 3.2 Gauss. An interferometer that uses a mixture of the previous two transitions gives a minimum of magnetic sensitivity at a tunable value of the magnetic field between 0 and 3.2 Gauss. The desired magnetic field value can be selected by varying the population in each transition. The relative populations are controlled with a microwave pulse during states in both interferometers.

To cite this abstract, use the following reference: <http://meetings.aps.org/link/BAPS.2016.DAMOP.N5.5>

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**47th Annual Meeting of the APS Division of Atomic, Molecular and Optical Physics**  
**Monday–Friday, May 23–27, 2016; Providence, Rhode Island**

**Session K1: Poster Session II (4:00pm-6:00pm)**  
 4:00 PM–4:00 PM, Wednesday, May 25, 2016  
 Room: Exhibit Hall C

Abstract ID: BAPS 2016.DAMOPK1 188

**Abstract: K1.00188 : Efficient transfer of francium atoms**

**Poster Abstract**

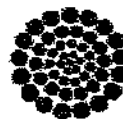
[Abstract Co | !\[\]\(6bb0e4f14c4133b37d2887cb37e67ddd\_img.jpg\) Abstract →](#)

**Authors:**

- Seth Aabin  
(College of William and Mary)
- John Blair  
(TRUMF)
- Alexander Gonsky  
(TRUMF)
- Matt Pearson  
(TRUMF)
- Michael Tandeck  
(TRUMF)
- Robert Collier  
(University of Manitoba)
- Gerald Gwener  
(University of Manitoba)
- Kyle Shells  
(University of Manitoba)
- Eduardo Gomez  
(Autonomous University of San Luis Potosi)
- Luis Orozco  
(Joint Quantum Institute)
- Jiehang Zhang  
(Joint Quantum Institute)
- Yanqiang Zhao  
(Shanxi University)

We report on the progress of the F-FNC collaboration towards Parity Non-Conservation Measurements (PNC) using francium atoms at the TRUMF accelerator. We demonstrate efficient transfer (higher than 40%) to the science vacuum chamber where the PNC measurements will be performed. The transfer uses a downward resonant push beam from the high-efficiency capture magneto-optical trap (MOT) towards the science chamber where the atoms are recaptured in a second MOT. The transfer is very robust with respect to variations in the parameters (laser power, detuning, alignment, etc.). We accumulate a growing number of atoms at each transfer pulse limited by the lifetime of the MOT since the push beam does not eliminate the atoms already trapped in the science MOT. The number of atoms in the science MOT is on track to meet the requirements for competitive PNC measurements when high francium rates (previously demonstrated) are delivered to our apparatus. The catcher/neutralizer for the ion beam has been tested reliably to 100,000 heading/motion cycles. We present initial tests on the direct microwave excitation of the ground hyperfine transition at 45 GHz.

To cite this abstract, use the following reference: <http://meetings.aps.org/link/BAPS.2016.DAMOPK1.188>



15 JUN 2016

Dirección Adjunta de Desarrollo Científico  
Dirección de Investigación Científica Básica

Ciudad de México, a 20 de junio de 2016  
Oficio: DICB/C100/ 2321 /2016

Referencia: FC 2015 Proyecto

Dr. José Luis Arauz Lara  
Universidad Autónoma del Estado de México  
Presente.

En atención a su oficio del 15 de junio del presente año, en el que solicita sean integrados los estudiantes Yuridia Selene Posadas García y José Alejandro Rivera Morán como participantes del proyecto titulado "Física de la Materia Blanda". Al respecto le informo que:

Esta Dirección toma nota de la integración de dichos estudiantes como participantes a su proyecto.

Sin más por el momento, aprovecho la oportunidad para enviarle un cordial saludo.

ATENTAMENTE

Dr. Luis Humberto Fabila Castillo  
Director de Investigación Científica Básica

EOT

U. A. S. L. P.  
DIVISION DE FINANZAS  
DEPTO. DE CONVENIOS

27 JUN 2016

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RECIBO \_\_\_\_\_ HORA \_\_\_\_\_

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Consejo Nacional de Ciencia y Tecnología (CONACYT)  
Av. Insurgentes Sur 1582, Col. Crédito Constructor  
C.P. 03940 México, D.F.

7 JUN 2016  
Ch. 0219

México, D.F. 25 de junio de 2016

Apreciable José Alejandro Rivera Morán  
Universidad Autónoma de San Luis Potosí, Instituto de Física

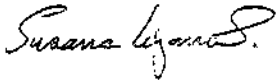
Me es grato comunicarle que el trabajo con número de registro 0131 y cuyo título es:  
"Manipulación óptica: Ordenamiento de coloides y microorganismos mediante pinzas ópticas  
periódicas",

de los autores:

José Alejandro Rivera Morán  
Vanessa Olivares Illana  
Erick Sarmiento Gómez

ha sido aceptado para su presentación en el **LIX CONGRESO NACIONAL DE FÍSICA**, que  
se celebrará en León, Guanajuato, del 2 al 7 de octubre de 2016 en la sesión mural M4D-51  
el jueves 6 de octubre de las 16:00 a las 18:00 en el salón B301cd del Poliforum León.

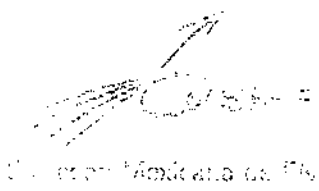
ATENTAMENTE



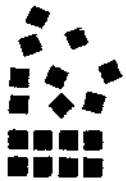
Susana Lizano Soberón  
Presidenta SMF  
LIX Congreso Nacional de Física

Departamento de Física, Universidad Autónoma de San Luis Potosí, México, D.F.

El presente documento es una copia de un documento original que se encuentra en el archivo de la SMF.  
Fecha de emisión: 25 de junio de 2016.  
Número de documento: 0131.  
Autor: José Alejandro Rivera Morán, Vanesa Olivares Illana, Erick Sarmiento Gómez.  
Título: Manipulación óptica: Ordenamiento de coloides y microorganismos mediante pinzas ópticas periódicas.



Susana Lizano Soberón  
Presidenta SMF



**Sociedad Mexicana  
de Materiales A.C.**

June 29, 2016

**To Whom It May Concern:**

This letter is to certify that Dr. Milton Muñoz-Navia, from the Universidad Autónoma de San Luis Potosí, San Luis Potosí, S.L.P., México is organizer of the symposium A.7 Nanostructured Materials and Nanotechnology, at the XXV (2016) International Materials Research Congress to be held August 14-19 in Cancun, Mexico.

The assignment of Dr. Muñoz-Navia as symposium organizer started August 2015, and his main activities include the preparation of the symposium proposal, the decision on the scope and themes, the selection and communication with invited speakers, the review and selection of regular contributions, and the organization of the sessions before and during the Congress and the follow-up of the outcome of the symposium.

Please do not hesitate to contact me at [jcabanasm@cinvestav.mx](mailto:jcabanasm@cinvestav.mx) should you require additional information.

Sincerely,

Dr. Gerardo Cabañas Moreno





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Ciudad de México a 25 de julio de 2016

**Karla Lorena Salazar Campos**  
**Universidad Autónoma de San Luis Potosí**  
**Presente**

Estimado (a) Congresista:

Se le informa que su trabajo:

**Detection of the oncogenes MDMX, MDM2 and the  
tumor suppressor RB in Human Blood Samples**

Por

**Karla-Lorena Salazar Campos, Vanesa Olivares-Illana**

ha sido aceptado para su presentación durante el XXXI Congreso Nacional de Bioquímica, que se llevará a cabo en la ciudad de Aguascalientes, Ags. del 6 al 11 de noviembre de 2016.

Atentamente

**Dr. Miguel Lara Flores**  
Presidente



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Ciudad de México a 25 de julio de 2016

**Yolanda Reboloso Gómez**  
**Universidad Autónoma de San Luis Potosí**  
**Presente**

Estimado (a) Congresista:

Se le informa que su trabajo:

**Comparison of production and efficiency of MDMX  
Polyclonal Antibodies made in Rabbit and Chicken**  
Por

Yolanda Reboloso-Gómez, Javier Nuñez and Vanesa Olivares-Illana

ha sido aceptado para su presentación durante el XXXI Congreso Nacional de Bioquímica, que se llevará a cabo en la ciudad de Aguascalientes, Ags. del 6 al 11 de noviembre de 2016.

Atentamente

**Dr. Miguel Lara Flores**  
Presidente



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Ciudad de México a 25 de julio de 2016

**Adriana B. Rousset Roman**  
**Universidad Autónoma de San Luis Potosí**  
**Presente**

Estimado (a) Congresista:

Se le informa que su trabajo:

### **Interaction And Regulation Of Retinoblastoma Protein By Mdm2/Mdmx Proteins In Different Conditions**

Por

**Adriana B. Rousset R, Jesús Hernández, Vanesa Olivares Illana**

ha sido aceptado para su presentación durante el XXXI Congreso Nacional de Bioquímica, que se llevará a cabo en la ciudad de Aguascalientes, Ags. del 6 al 11 de noviembre de 2016.

Atentamente

**Dr. Miguel Lara Flores**  
Presidente



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Dr. Raúl Ondarza Vidaurieta  
Dr. Efraín G. Pardo Codina  
Dr. Guillermo Soberón Acevedo

Ciudad de México a 25 de julio de 2016

**Ixaura Celeste Medina-Medina**  
**Universidad Autónoma de San Luis Potosí**  
**Presente**

Estimado (a) Congresista:

Se le informa que su trabajo:

**A New MDM2-MDMX heterodimer independent of C-terminal RING-  
RING interaction induced by ATM**

Por

**Ixaura Medina-Medina, Vanesa Olivares-Illana**

ha sido aceptado para su presentación durante el XXXI Congreso Nacional de Bioquímica, que se llevará a cabo en la ciudad de Aguascalientes, Ags. del 6 al 11 de noviembre de 2016.

Atentamente

**Dr. Miguel Lara Flores**  
Presidente



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Dr. Raúl Ondarza Vidaurreta  
Dr. Efraín G. Pardo Codina  
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Ciudad de México a 25 de julio de 2016

**Ana María Peña Balderas**  
**Universidad Autónoma de San Luis Potosí**  
**Presente**

Estimado (a) Congresista:

Se le informa que su trabajo:

**Biomolecular interaction analysis using magnetic particles**

Por

**Ana María Peña Balderas, Rosario Esperanza Moctezuma Martiñon  
and Vanesa Olivares Illana**

ha sido aceptado para su presentación durante el XXXI Congreso Nacional de Bioquímica, que se llevará a cabo en la ciudad de Aguascalientes, Ags. del 6 al 11 de noviembre de 2016.

Atentamente

**Dr. Miguel Lara Flores**  
Presidente



# Sociedad Mexicana de Bioquímica, A.C.

FUNDADA EN 1957

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Dr. Guillermo Soberón Acevedo

Ciudad de México a 25 de julio de 2016

**Jesús Hernández-Monge**  
**Universidad Autónoma de San Luis Potosí**  
**Presente**

Estimado (a) Congresista:

Se le informa que su trabajo:

**Analysis of the expression and subcellular localization  
of Retinoblastoma mutants.**

Por

**Jesús Hernández-Monge, Adriana B. Rousset R.,  
Vanessa Olivares Illana**

ha sido aceptado para su presentación durante el XXXI Congreso Nacional de Bioquímica, que se llevará a cabo en la ciudad de Aguascalientes, Ags. del 6 al 11 de noviembre de 2016.

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## Schedule for Erick Sarmiento Gomez

Wednesday, September 21, 2016

Host: Jasna Brujic

*\*All meetings take place in the Meyer, Physics building, 4 Washington Place.*

### Meetings

10:00am-10:45am

**David Grier**  
*Professor of Physics*  
Center for Soft Matter Research  
Office 606  
Telephone: (212) 998-3713

10:50am-11:35am

**Jasna Brujic**  
*Associate Professor*  
Center for Soft Matter Research  
Office 608  
Telephone: (212) 998-3586

11:40am-12:30pm

**Angus McMullen**  
*Research Scientists*  
Brujic's group  
Office 723C  
Telephone: (212) 998-7977

12:45pm

**David Pine**  
*Professor of Physics*  
Center for Soft Matter Research  
Office 601  
Telephone: (212) 998-7744

### Lunch

12:45pm-1:45pm

**Lunch Attendees:** Erick Gomez, David Pine

### Meetings con't

2:00pm-2:45pm

**Shura Grosberg**  
*Professor*  
Center for Soft Matter Research  
Office 602  
Telephone: (212) 992-9574

### Seminar

2:45pm-3:00pm

**Seminar Reception**  
Outside 6<sup>th</sup> floor seminar room. 611

3:00pm-4:15pm

**Seminar**  
6<sup>th</sup> floor seminar room. 611  
*Anisotropic Colloids in Laser-induced External Potentials: An Energy Landscape Approach*

México, D.F. 25 de junio de 2016

Apreciable Erick Sarmiento  
Instituto de Física, Universidad Autónoma de San Luis Potosí

Me es grato comunicarle que el trabajo con número de registro 0084 y cuyo título es:

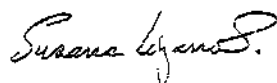
“La Luz como Campo Externo en la Materia Condensada Blanda”,

de los autores:

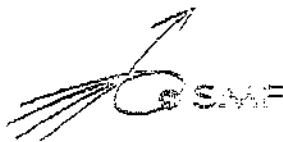
Erick Sarmiento  
Jose Luis Arauz Lara

ha sido aceptado para su presentación en el LIX CONGRESO NACIONAL DE FÍSICA, que se celebrará en León, Guanajuato, del 2 al 7 de octubre de 2016 en la sesión mural M4D-50 el jueves 6 de octubre de las 16:00 a las 18:00 en el salón B301cd del Poliforum León.

ATENTAMENTE



Susana Lizano Soberón  
Presidenta SMF  
LIX Congreso Nacional de Física



Sociedad Mexicana de Física

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Dr. Raúl Ondarza Vidaurreta  
Dr. Efraín G. Pardo Codina  
Dr. Guillermo Soberón Acevedo

Otorga la presente

**CONSTANCIA** a:

**Ana María Peña Balderas**

Quien asistió y presentó el trabajo:

**Biomolecular interaction analysis using magnetic particles**

Por:

**Ana María Peña Balderas, Rosario Esperanza Moctezuma Martiñon,  
Vanessa Olivares Illana**

En la modalidad de cartel durante el XXXI Congreso Nacional de Bioquímica del 6 al 11 de noviembre de 2016 en Aguascalientes, Ags.

Atentamente  
Por el Comité Organizador

**Dr. Miguel Lara Flores**  
Presidente



División de  
Información  
Cuántica

## IX Reunión de la dICu

Monterrey, N.L.

26 al 28 de  
octubre de 2016

**HOME**

**HOTEL SEDE**

**REGISTRO DE  
TRABAJOS**

**INVITADOS**

**PROGRAMA**

## IX Reunión de la dICu Monterrey 2016

La IX Reunión Anual de la División de Información Cuántica de la Sociedad Mexicana de Física se llevará a cabo en la ciudad de Monterrey, Nuevo León (México), los días 26, 27 y 28 de octubre de 2016. La institución anfitriona será el Centro de Óptica del Tecnológico de Monterrey.

### DICUS PASADAS

VIII Ensenada  
2015

VII Cocoyoc  
2014

VI León 2013

V Puebla 2012

IV Querétaro  
2011

III SLP 2010

II Puebla 2009

I Zacatecas  
2008

### Tópicos Generales de la Reunión

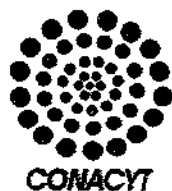
- Generación no clásica de luz
- Materia cuántica: Materia fría y ultrafía, trampas.
- Procesamiento cuántico de información
- Sistemas cuánticos abiertos
- Sistemas cuánticos cerrados

### Comité Local

- Dr. Julio C. Gutiérrez Vega
- Dr. Raúl Hernández Aranda
- Dr. Dorilián López Mago
- Dr. Servando López Aguayo

### Contacto

Cuenta de correo: [dicus.smf@gmail.com](mailto:dicus.smf@gmail.com)



**Grupo de Fotónica y  
Óptica Matemática**  
Tecnológico de Monterrey, Mé

This page was designed and programmed by Julio César Gutiérrez Vega • Official Disclaimer: PMOG is responsible for all the information contained in this page, which does not reflect the Sistema ITESM's point of view.  
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