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# International Congress on Music and Mathematics

Puerto Vallarta, Mexico, November 26–29, 2014

## Special theme

"Analogous Thought and Abstract Forms in Music"

## Special panel

"Mathematics and Aesthetics in Julian Carrillo's (1875–1965) work"



**In the context of the 20<sup>th</sup> anniversary of the University Center for Exact Sciences and Engineering (<http://www.cucei.udg.mx>) (CUCEI-UdeG, Mexico), and the 40<sup>th</sup> anniversary of the National Center for Music Research, Documentation and Information (<http://www.cucei.udg.mx>) (CENIDIM–INBA, Mexico), this Congress will focus on the relationship between music and mathematics, both applied and pure, understood as systems, techniques, technologies, theories, and creative work. International and interdisciplinary contributions are highly appreciated. The Congress will examine the essentials of analogous thought and its meaning and functioning in the broadest sense of “abstract forms in music”.**

**However a wider view on music and mathematics will be also considered. The venue will bring together scholars, researchers, students and artists from many disciplines, converging within the announced topics. We welcome innovative and unexpected proposals on topics that address cultural, historic, aesthetic, conceptual/experimental and/or philosophical aspects of music and mathematics.**

In addition, preparing international celebrations of Julian Carrillo's (1875–1965) 140<sup>th</sup> anniversary, we also call for papers, panels and cultural proposals related to the birth, development and actuality of noise theory, harmony theory and microtonality, and its many practical and conceptual implications. Concerts with Carrillo's music will be performed during the cultural program of the Congress, among other activities.

## Open Call

We call for both individual papers and proposals for the panels and the special panel (of at least one and maximum three papers each). Individual lectures should not be longer than 20 minutes (thinking of 30 minutes sessions).

Please prepare your proposals according to the submission guidelines (submission is contingent to registration – payment is not necessary at this early stage).

## Deadline

The deadline for submitting individual proposals is June 22, 2014; deadline for panels proposals and paper proposals within a panel is July 13, 2014. Accepted papers will be published within the Congress Proceedings.

## Languages

The official language of the Congress is English.

## Scientific – Organizing Committee:

**Octavio AGUSTÍN-AQUINO**

([http://www.unca.edu.mx/profesores/octavio\\_alberto\\_agustin\\_aquino.html](http://www.unca.edu.mx/profesores/octavio_alberto_agustin_aquino.html)), mathematician & musician, Universidad de la Cañada, Oaxaca.

**Juan Sebastián LACH-LAU** (<https://soundcloud.com/juan-sebastian-lach>), composer & performer, Conservatorio de las Rosas, Morelia.

**Emilio LLUIS-PUEBLA** (<http://www.emiliolluis.org/>), mathematician & pianist, Faculty of Sciences, UNAM.

**Guerino MAZZOLA** (<https://music.umn.edu/people/faculty-staff/profile?UID=mazzola>), mathematician, musicologist & pianist, University of Minnesota & Society for Mathematics and Computation in Music (SMCM).

**Roberto MORALES-MANZANARES** ([http://www.artesguajuato.org/artes/index.php?option=com\\_content&view=article&id=199&Itemid=48](http://www.artesguajuato.org/artes/index.php?option=com_content&view=article&id=199&Itemid=48)), composer & performer, Music Informatics Laboratory (LIM) at the University of Guanajuato.

**Pablo PADILLA-LONGORIA** (<http://www.fciencias.unam.mx/directorio/39374>), mathematician & musician, Institute for Research on Applied Mathematics and Systems, IIMAS–UNAM.

**Gabriel PAREYON** (<https://tuhat.helsinki.fi/portal/en/persons/gabriel-pareyon%284a57eb12-5c98-4e50-9523-1839b38c6d3f%29.html>), composer & musicologist, National Center for Music Research, Documentation and Information (CENIDIM–INBA).



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