

## LUGAR Y FECHAS:

### Aula 14

5 de marzo: 8.30-11.30 / 18.30-21.30

6 de marzo: 15.30-21.30

### Dirigido a:

Profesores y alumnos del CSMMC  
Profesores y alumnos del DDEMP-US.  
Profesores y alumnos de otros Conservatorios.

### Preinscripción:

Las personas interesadas deberán contactar con cualquiera de los Prof. coordinadores para inscribirse.

### Fecha límite de inscripción:

Lunes, 3 de marzo de 2014. (a las 12.00h)

### Alumnos no preinscritos:

Quienes no deseen inscribirse en el seminario pueden asistir libremente a cualquiera de las sesiones, pero no obtendrán el diploma acreditativo.

### Profesores Coordinadores:

Prof<sup>ª</sup>. Pilar Calero  
Prof. Juan A. Pedrosa  
Prof. Antonio Flores

### Diploma:

El DDEMP-US expedirá a los alumnos preinscritos un diploma acreditativo, siempre que cumplan con los criterios mínimos de asistencia (80%)



CONSERVATOR  
SUPERIOR DE MÚSICA  
MANUEL CASTILLO



DEPARTAMENTO DE DIDÁCTICA DE LA  
EXPRESIÓN MUSICAL Y PLÁSTICA

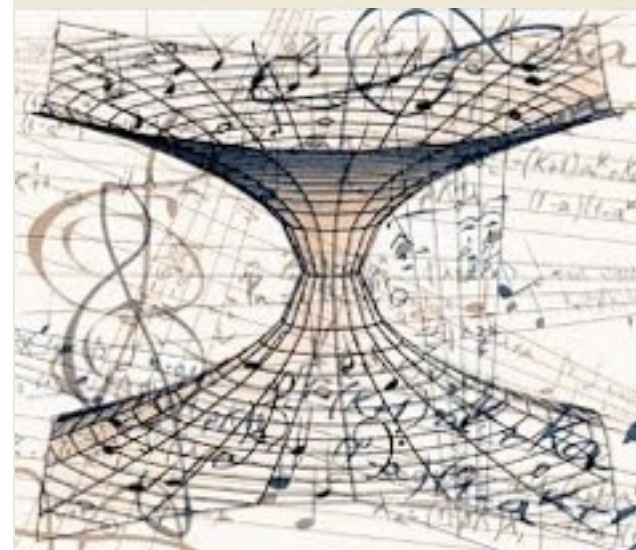
### Colabora:

**Coord. Rosario Gutierrez Cordero**  
**Departamento de Didáctica de la**  
**Expresión Musical y Plástica**  
**Facultad de Ciencias de la Educación**  
**C/ Pirotecnia S/N**  
**41013 Sevilla**

# CURSO

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# MÚSICA Y MATEMÁTICAS



**Profesor: Fabio De Sanctis De benedictis**

**Instituto Superiore di Studi Musicali "P.  
MASCAGNI". LIVORNO (ITALIA)**

**5 y 6 de marzo 2014**

**CSM Manuel Castillo**  
**C/ Baños 48. 41002 Sevilla**

## CONTENT

The analysis method used will be related to Dodecaphony according to Babbitt concepts, Pitch-class Set Theory, Serial composition techniques desumed from Analytical Literature and own analysis. From some of these musical analysis will be possible to drawn off composition rules for algorithmic rebuilding by PWGL, a Computer Aided Composition software.

This seminar is mainly directed to Composition students, but it can be successfully attended by all students interested to the matter, because it does not require any specific prerequisite. The lesson unities are composed by a theoretical part and a consequent analytic one, the former to outline method, the latter to show a possible application of the method.

Aim of this activity is to achieve specific composition techniques and analytic methods, to increase knowledge about the form of the works taken in account.

## CURRICULUM

Fabio De Sanctis De Benedictis was born in Pisa in 1963. Professor of General Musical Culture (Complementary Harmony, ordinary courses) and of Musical Analysis (Bachelor and Master courses). ISSM "P. Mascagni", Leghorn – Italy

He agreed in Violin, Choir Music and Conducting, Composition, the latter *cum laude*. He triennially attended the composition courses kept by Giacomo Manzoni at the Fiesole Music School. Winner in various national and international composition competitions, his scores are published or recorded on CD by *fonè*, *SAM* and *Ars Publica*; his musical analyses and writings has been published on specialized journals in Italy and abroad, such *Sonus*, *Aulos*, *Tibiae*, *Tetraktys*, *Civiltà Musicale*, *Musica Domani*, *Facoltà di Matematica* (Pisa University), *Analitica*. He took part to meetings and seminars for *Analitica* (Rimini), by *Domus Galileiana* (Pisa), in Lemmens Instituut (Leuven, Belgium), in *EuroMac 2011 - VII European Music Analysis Conference*, in Rome, Santa Cecilia Conservatory, in Escola Superior de Artes Aplicadas by Instituto Politécnico de Castelo Branco (Portugal), in Academia "Gheorghe Dima" in Cluj (Romania). His compositions have been performed in Italy and abroad. Since 1992 he has taught *Harmony and Counterpoint* and *Foundations of Musical Composition for the Didactics of Music* in several Italian Conservatories, *Musical Analysis* in Professional Formation Courses financed by The European Community, in various seminaries kept in the Conservatory of Latina, and in the bachelor and master courses in the ISSM "P. Mascagni" in Leghorn. He turned out winning, with chair assignation, in the contests for titles and exams to chairs in various Music Conservatoires, National Academy of Dance of Rome and in ISSM "P. Mascagni" in Leghorn. He has taken up the half-yearly courses of *Harmony and Counterpoint Elements* in Cinema Music and Theatre Department, Faculty of Letters, University of Pisa, from 2001 to 2009. At present he teaches *Harmony* and *Musical Analysis* in ISSM "P. Mascagni", attends to Composition and Musical Analysis, mainly working on Open Source software and Linux/OsX platform in the ambit of electronic music.



**Departamento Erasmus**