

Ministero dell'Istruzione, dell'Università e della Ricerca

**CONSERVATORIO DI MUSICA "A. BOITO"  
PARMA**

ALTA FORMAZIONE ARTISTICA E MUSICALE  
Via del Conservatorio, 27/a – 43100 Parma - tel. 0521 – 381911, fax. 200398  
Sito web: [www.conservatorio.pr.it](http://www.conservatorio.pr.it)



**UNIVERSITÀ DEGLI STUDI DI PARMA**  
DIA - DUSIC  
via Università, 12 - 43121 Parma  
tel. 0521 902111, fax 0521 9805705  
Sito web: [www.unipr.it](http://www.unipr.it)



**COMUNE DI PARMA**  
Servizio Casa della Musica  
P.le San Francesco, 1 – 43121 Parma  
Tel. 0521-031170  
Sito web: [www.lacasadellamusica.it](http://www.lacasadellamusica.it)

**SOUND TECHNOLOGY  
AND MUSIC COMPOSITION**

**FIRST LEVEL 1-YEAR (EQF 7)  
POSTGRADUATE SPECIALIZATION  
Academic Year 2018/2019**

**GENERAL DESCRIPTION**

The course aims to train operators with specialized skills in the use of electro-acoustic instruments and computer applications for the production, post-production and processing of the acoustic signal, recorded or in real-time in live situations who can effectively collaborate with composers, sound designers, artists working in experimental and avant-garde music. The course also prepares for the computing and electro-acoustic support of musical or multimedia projects related to sound design and musical creation in various fields, including those of avant-garde experimental music. The course prepares electro-acoustic and computer experts able to deal with the sound and sound distribution of concerts and live performances, the design of the recording studio and systems for the entire audio production cycle (including modern broadcasting and control systems Both in the audio and digital field).

## **EDUCATIONAL OBJECTIVES**

The course provides artistic, scientific and technical training and specialization in the direction on the engineering and acoustic skills, using the resources from Casa del Suono and Electroacoustic Laboratory from Casa della Musica (LABEL), and application of these skills to musical and artistic invention by proposing projects and collaborations with soloists and ensembles of international prestige "in residence" as well as with the various vocal and instrumental ensembles of the Conservatorio "A. Boito". The projects will be created specifically for the spatialization systems in the structures mentioned.

The course offers the acquisition of skills of contemporary musical creation in the field of electroacoustics and digital techniques. Moreover, it develops the necessary skills for the profession of Tonmeister or the French Réalisateur Informatique Musicale (RIM) which combines refined technical and engineering competence with a musical training.

## **PROFESSIONAL PROFILE – CAREER RESULTS**

Experienced composers and artists in the application of new technologies to music creation and "sound design".  
Composer who is experienced in acousmatic music.  
Sound designers for architectural and outdoor environments.  
Expert in sound recording and post-production.  
Expert in Media Audio Technologies.  
Computer musician.  
Tonmeister, designers for architectural and outdoor environments.  
Audio expert in multimedia publishing.  
Sound engineer and designer for radio and television studios as well as for audio equipment, recording studios, concert performances.  
Experts in storing, archiving, cataloging and restoring sound sources.

## **ELIGIBLE STUDENTS**

Postgraduate Specialization will be activated with a minimum of 8 candidates who meet the criteria to qualify for eligibility.

In order to access the selection, candidates must be in possession of one of the following:

- Diploma accademico di Primo Livello (Master Degree, EQF 6), or traditional Diploma from an Italian Conservatorio (Ordinamento previgente);
- Laurea triennale (Academic Master degree, EQF 6);
- Equivalent diploma (EQF 6) awarded by foreign institution;

Simultaneous enrollment for the same academic year to other AFAM courses is not allowed.

## **TEACHERS**

Teaching activities will mainly be held by:

JAVIER TORRES MALDONADO - Conservatorio "A. Boito" di Parma  
ANDREA SABA - Conservatorio "A. Boito" di Parma  
FABRIZIO FANTICINI - Conservatorio "A. Boito" di Parma  
EMILIO GHEZZI - Conservatorio "A. Boito" di Parma  
ANGELO FARINA - Università degli Studi di Parma  
MARCO CAPRA - Università degli Studi di Parma  
PAOLO RUSSO - Università degli Studi di Parma  
LAURA ZATTRA - Università degli Studi di Parma  
ALVISE VIDOLIN - Guest teacher  
ANDREA CAPRA - Guest teacher  
SIMONE CAMPANINI - Guest teacher  
ALVISE VIDOLIN - Guest teacher  
LAMBERTO TRONCHIN - Guest teacher

Lectures by:

Prof. ACHIM BORNHOEFT, Mozarteum, Salzburg  
Prof. KARLHEINZ ESSL, Universität für Musik und Darstellende Kunst di Vienna  
ANNE SEDES, ALAIN BONARDI e ERIC MAESTRI of CICM/MUSIDANSE Université Paris 8 Vincennes-Saint-Denis  
Prof. DANIEL D'ADAMO, Conservatorio/Haute Académie de Musique di Strasbourg, France  
Prof. TOM MAYS, Conservatorio/Haute Académie de Musique di Strasburgo, France  
Prof. JUAN JOSÉ ESLAVA, Conservatorio Superiore di Musica di Aragon, Spain  
Prof. MARIA EUGENIA LUC, Musikene, Centro Superiore di Musica dei Paesi Baschi  
Seminario offerto dall'Università di Parma: ricercatori della "Game of Life Foundation"/Institute of Sonology del Royal Conservatoire The Hague, Holland

### **Project Work:**

Students will be able to participate in a selection of one or two works which will be performed by an ensemble formed by students of the Conservatorio di Parma and the Conservatoire national supérieur de musique et de danse de Paris. The concert will be produced by Fondazione Prometeo and Conservatorio di Parma.

### **Ensembles in residence:**

ANDER TELERIA (accordion)  
ALFONSO PADILLA (saxophone)  
ENSEMBLE KURAIA, Bilbao  
GRUPPO DI MUSICA CONTEMPORANEA, Conservatorio "A. Boito" di Parma  
ENSEMBLE SUONO CONDIVIS, Conservatorio "A. Boito" di Parma

The venue of the Master is the Conservatorio di Musica A. Boito of Parma. The Master will take place also at other Institution's venues such as the Casa della Musica and the Casa del Suono made available by the Comune di Parma.

### **SELECTION PROCEDURE AND ADMISSION CRITERIA**

The selection of the applicants will take place on december 17<sup>th</sup> 2018.

Applicants in possession of valid requirements will be selected through an interview aimed at evaluating the cultural, musical, technical and artistical skills of the candidates.

Basic musical education is required.

## APPLICATION

Admission applications must be submitted using the appropriate form available from the Administration Office (Segreteria) or downloadable at [www.conservatorio.pr.it](http://www.conservatorio.pr.it)

Applications deadline is november 15<sup>th</sup> 2018.

In case of applications sent by post, the postmark date is valid, providing that application form (Allegato A) is sent via e-mail by november 15<sup>th</sup> 2018

Applications must be delivered along with:

- a copy of the student's Curriculum Vitae;
- Diplomas/bachelors/high school certificates or self-certification attesting possession of the requisite certifications as prescribed by current Italian law;
- a list of the most significant artistic and professional titles and achievements relevant to the Master's program.
- payment receipt of the admission fee

## COURSE DETAILS

Classes will be scheduled through the Academic Year and will end by October 31st, 2019. Internships and training activities may end by next winter exam session (by March 31st, 2020).

Course Committee may decide further exceptions, if necessary.

Minimum 80% attendance is required for lectures, practice and internships, and seminars set out in the course program.

In order to be awarded their Postgraduate Specialization graduates are required to earn 60 credits (CF), subdivided as follows:

| <b>MODULE</b>                                                                       | <b>hrs</b> | <b>CFA/ECTS</b> | <b>Eval.</b> |
|-------------------------------------------------------------------------------------|------------|-----------------|--------------|
| Acoustics and Electroacoustics                                                      | 30         | 5               | exam         |
| Sound Engineering I:<br>Sound recording and reproduction                            | 18         | 3               | exam         |
| Sound Engineering II:<br>Sound spazialization systems                               | 12         | 2               | exam         |
| Electronic Music Composition I:<br>Composition with new technologies                | 24         | 4               | exam         |
| Electronic Music Composition II:<br>Computer-assisted composition and orchestration | 24         | 4               | exam         |
| Informatics for music:<br>integrated environments for synthesis and processing      | 18         | 3               | exam         |
| History of relationship between music and technology                                | 6          | 1               | exam         |
| Psychoacoustics and Muisic Sociology                                                | 12         | 2               | exam         |
| <b>TOTAL</b>                                                                        | <b>144</b> | <b>24</b>       |              |

| <b>LABORATORIES</b>                          | <b>hrs</b> | <b>CFA/ECTS</b> |     |
|----------------------------------------------|------------|-----------------|-----|
| Sound engineering lab                        | 20         | 2               | P/F |
| Historical research in sonic archives lab    | 10         | 1               | P/F |
| Music research project with new technologies | 10         | 1               | P/F |
| Sound direction and live electronics lab     | 20         | 2               | P/F |
| Computer music composition lab               | 96         | 4               | P/F |
| <b>TOTAL</b>                                 | <b>156</b> | <b>10</b>       |     |

| <b>MODULE</b> | <b>hrs</b> | <b>CFA/ECTS</b> |
|---------------|------------|-----------------|
|---------------|------------|-----------------|

|                                                    |            |           |
|----------------------------------------------------|------------|-----------|
| Internships at companies, theatres or laboratories | 375        | 15        |
| <b>TOTAL</b>                                       | <b>375</b> | <b>15</b> |

| <b>MODULE</b>          | <b>hrs</b> | <b>CFA/ECTS</b> |
|------------------------|------------|-----------------|
| Seminari specialistici | 50         | 5               |
| <b>TOTALE</b>          | <b>50</b>  | <b>5</b>        |

| <b>FINAL EXAM</b>               | <b>CFA/ECTS</b> |
|---------------------------------|-----------------|
| Specialization Thesis / Project | 6               |
| <b>TOTAL</b>                    | <b>6</b>        |

| <b>TOTAL</b> | <b>hrs</b> | <b>CF</b> |
|--------------|------------|-----------|
|              | <b>725</b> | <b>60</b> |

In order to complete the required total of 1.500 hours the amount of individual study is expected to be 775 hours.

### FINAL EXAM

The final exam is an assessment of the student's acquired specialized knowledge and can include:

- 1) a **paper** (Postgraduate Specialization thesis): a description of the activities effected during the Master, focusing on the technological and musical aspects explored during the course.
- 2) a **composition integrated with a written commentary**: an electroacoustic work or a work for amplified instruments (using the available instrumentalists and the members of the "ensembles in residence" as well as the PA system of the Casa del Suono). It is also possible to present a composition that uses different means as long as it has been realized in the course of the master programme without requiring any extra cost for the Conservatorio.
- 3) a **compositive project with thesis**: a combination of the two above.

The above options should be submitted to the Final Exam Commission Board

Given the diversity of the didactic directions of the course, students will be able to present a multimedia piece integrated with a paper. This option must be previously approved by the Master's Board of Advisors.

### AWARDED DEGREE

Students who will have fulfilled the program's requirements and succeeded in passing their final exam will be awarded the title **Master Annuale di Primo livello in "Tecnologie del suono e composizione musicale" (Italian Level I Master) i.e. Postgraduate Specialization degree (EQF 7 - 1.500 hrs - 60 CF).**

Minimum requirements for obtaining the degree: to be awarded the Master's degree students are required to have met the 80% attendance requirement in all the program's modules, to have successfully passed all mid-term examinations (if applicable), to have earned the totality of credits needed for the program's completion, to have fulfilled the internship requirements and to have successfully passed their final exam.

Scholarships may be awarded to the most meritorious students, according to the admission ranking list, with a 20% maximum in relation to financial resources of the course. The recipients' names will be notified before the deadline for the payment of the second installment of the global fee, provided that the student has met the 80% attendance requirement in all the program's modules.

The present document is approved by the proper internal authorities and it is subject to further supervision and approval by the Italian MIUR. Its text might therefore be subject to modifications or integrations that will be

immediately notified.

### **FEES**

Admission fee: € 50,00 to be paid together with the application;

Enrollment fees: yearly fee for the Postgraduate Specialization program: € 2.600,00 divided into two installments: € 1.950,00 payment is due upon enrollment, whereas € 650,00 must be paid by June 30th, 2019.

Payment must be made through bank deposit to Conservatorio di musica “A. Boito” - Parma, IBAN IT440623012700000074997550 - BIC/SWIFT: CRPPIT2P452

**Parma, 17/09/2018**  
**Prot. n. 4681/3FAM**

The Director  
**M° Riccardo Ceni**

**INFORMATION AND CONTACTS**  
**CONSERVATORIO “A. BOITO” DI PARMA**  
Via del Conservatorio, 27/a – 43100 Parma  
tel. +39 0521 381911, fax. +39 0521 200398

[www.conservatorio.pr.it](http://www.conservatorio.pr.it)

[ufficio.master@conservatorio.pr.it](mailto:ufficio.master@conservatorio.pr.it)

[segreteria.didattica2@conservatorio.pr.it](mailto:segreteria.didattica2@conservatorio.pr.it)

Course supervisor: Prof. Javier Torres Maldonado  
[javier.maldonado@conservatorio.pr.it](mailto:javier.maldonado@conservatorio.pr.it)

Tutor: Prof. Simone Campanini:  
[simonecampanini@gmail.com](mailto:simonecampanini@gmail.com)