

HUMAN AND SOCIAL SCIENCES

# MULTI-USER EQUIPMENT

ADVANCED TECHNOLOGY TO  
REACH OF RESEARCHERS

Human and Social Sciences

## HUMANITIES

## ACQUISITION OF EDITING AND EXHIBITION EQUIPMENT FOR THE LABORATORY OF AUDIOVISUAL CRITIQUE AND INVESTIGATION

Esther Império Hamburger

School of Communication and Arts

University of São Paulo (USP)

FAPESP Grant 2009/54131-3

The objective of this proposal is to acquire editing and exhibition equipment for the newly created Laboratory of Audiovisual Critique and Investigation (Laica, as the acronym in Portuguese). The Laica is interdisciplinary and brings together various researchers: those involved in the “History of Cinema, Image, and Life in the Metropolis” project; those involved in the FAPESP Thematic Project “Social Thought and the Contemporary Culture Industry System”; and those engaged in other research and critical analysis of film and television. The Laica is the first such laboratory in Brazil. The idea is to create a shared infrastructure for the development and exhibition of audiovisual works. The initial infrastructure includes a full complement of high-definition sound and video projection equipment, for use in the auditorium of the new Department of Radio, Television, and Film building, as well as film editing and word processing equipment, for use in the Laica itself. The exhibition hall will be shared by the researchers involved in the various projects cited, as well as by those working on complementary projects, including projects undertaken by postdoctoral, graduate, and undergraduate students, especially the project “Rivers”. The laboratory will provide infrastructure for audiovisual experimentation, for processing and copying of materials in various media, for subtitling foreign works, and for writing critical essays. In addition to providing the infrastructure for research in the area of theory and history for students/researchers of the Department of Radio, Television, and Film, the lab is open for sharing on two fronts: with the Brazilian Cinematheque, which has a laboratory for the preservation and conservation of film and television; and with the USP Computational Electronics Center, which specializes in the development and installation of networks. The Computational Electronics Center is currently completing the establishment a 10 K network between the Cinematheque and the Department of Radio, Television, and Film. That connection will allow audiovisual content to be transmitted in high definition. The exhibition hall will allow this content to be experienced without any appreciable loss in the sound and image quality provided by the transmission.

### EQUIPMENT GRANTED

- Mac Pro computer (Two 2.26 GHz Quad-Core Intel Xeon/6 GB/1066 MHz) and accessories (Apple Inc.)
- Mackie Onyx sound mixer (LOUD Technologies Inc.)/speakers (Yamaha Corp.)/EON speakers (JBL Inc.) and accessories
- Soundcards and Blu-Ray Digidesign Mbox 2 Mixer (Avid Technology Inc.)/BDP-c Blu-ray player (Sony Corp.)
- DP-1500 2K digital projector (Barco Inc.)

## ASSOCIATED PROJECTS

### School of Communication and Arts/USP

*Social inclusion and the politics of representations in film and on television*

Esther Império Hamburger  
FAPESP Grant 2006/03498-6

*Historical dimensions of Brazilian documentaries in the silent era*

Eduardo Victorio Morettin  
FAPESP Grant 2004/11030-9

### School of Philosophy, Literature, and the Human Sciences/USP

*Formation of the intellectual field and of the cultural industry system in contemporary Brazil*

Sérgio Miceli Pessoa de Barros  
FAPESP Grant 2008/55377-3

Contact for instructions  
for the use of the equipment

**Esther Império Hamburger**

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<http://www.eca.usp.br/audiovisual/grupos.htm>

## ACQUISITION OF PIANOS FOR THE LABORATORY OF MUSICAL ACOUSTICS AND INFORMATION SCIENCE IN THE MUSIC DEPARTMENT OF THE SCHOOL OF COMMUNICATION AND ARTS

Fernando Henrique de Oliveira Iazzetta

School of Communication and Arts

University of São Paulo (USP)

FAPESP Grant 2009/53985-9

This proposal is aimed at the acquisition of two concert pianos for the Music Department of the USP School of Communication and Arts. These two instruments will be employed in various activities of research and artistic creation in the Department and will meet the needs of a significant number of researchers and musicians. The two pianos requested will be allocated to the Music Department of the USP School of Communication and Arts. One of the pianos will reside in the studio of the Laboratory of Musical Acoustics and Information Science (Lami, as the acronym in Portuguese) and will be primarily employed in recording sessions and in research projects that involve electroacoustic and instrumental composition. The second will be placed in the auditorium of the Department and will be employed for performances and as a research aid in the area of interpretive practices. At times (when there is a need to perform pieces written specifically for two pianos), both pianos will be placed in the auditorium. There is a soundproof door that connects the Lami studio and the auditorium stage, which will facilitate this operation.

### EQUIPMENT GRANTED

- B-211 concert grand pianos (Steinway & Sons)

## ASSOCIATED PROJECTS

### School of Communication and Arts/USP

*Mobile: interactive music processes*

Fernando Henrique de Oliveira Iazzetta

FAPESP Grant 2008/08632-8

*Life and art in the Edward and Clara Steuermann collection*

Amilcar Zani Netto

Department of Música

FAPESP Grant 2003/13754-1

*The song of the media: memory and nomadism*

Heloísa de Araújo Duarte Valente

FAPESP Grant 2006/55581-4

*Investigation of the environment in which free musical improvisation occurs: fundamentals for a performance construct*

Rogério Luiz Moraes Costa

Department of Música

FAPESP Grant 2007/57118-2

*The piano solo work of Cyro Pereira: musicological revision, publishing, and critical review*

Luciana Sayure Shimabuco

National Council for Scientific and Technological Development (CNPq)

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## ACQUISITION OF A LARGE-CAPACITY, HIGH-PERFORMANCE STORAGE SOLUTION TO PROMOTE THE EXPANSION AND MODERNIZATION OF THE INFRASTRUCTURE FOR SCIENTIFIC RESEARCH AT THE STATE UNIVERSITY OF CAMPINAS ECONOMICS INSTITUTE, ENSURING THE INCREASED DISSEMINATION AND SHARING OF RESEARCH RESULTS AND MAKING THE SCIENTIFIC PRODUCTION OF THE INSTITUTE AVAILABLE TO THE GLOBAL COMMUNITY

José Maria Ferreira Jardim da Silveira

Economics Institute

State University of Campinas (Unicamp)

FAPESP Grant 2009/54134-2

Scientific research in economics has advanced and has benefited greatly from the increasing availability of data and information in terms of scope, diversity, disaggregation, and periodicity, with an emphasis on microeconomic and georeferenced data. As an illustration, we cite the data and information available from the IBGE, Brazilian Institute of Geography and Statistics, regarding demographics, regional conditions, agricultural activities, industrial activities, the service sector, and Brazilian National Household Survey results, as well as those from the Brazilian Ministry of Labor and Employment (Annual Social Information Report and Employment/Unemployment Reports) and the Brazilian Department of Foreign Trade (imports and exports). At the Economics Institute, research groups and students have access to detailed databases of national institutions (Central Bank, IBGE, Department of Foreign Trade, Annual Social Information Reports, and Applied Economic Research Institute) and of international institutions (Bank for International Settlements, Bureau of Economic Analysis, Economic Commission for Latin America and the Caribbean, European Central Bank, Federal Reserve, International Monetary Fund, Organisation for Economic Co-operation and Development, and United Nations Development Fund), providing tools to support their research. This proposal underscores the current guidelines and aims to provide greater storage and backup space for research data, ensuring the best conditions for the dissemination, exchange, and sharing of information and experiences among researchers, as well as a significant increase in computational performance, a major requirement for the scientific and academic research currently underway, such as the study entitled “Organizational design of the BIOEN program: intellectual

### EQUIPAMENTOS CONCEDIDOS

- File server and accessories –SAS 21.6 TB SAS disk drive, two 1 GB FC controllers, power supplies, and redundant fans (Hewlett-Packard)
- 24 GB server, two QUAD processors, Backup, Switch, Rack, USB conversion modules

property, incentive mechanisms, assessment mechanisms, and effects”, which will involve analyzing and disseminating the results of various studies. All of these improvements will contribute significantly to the use of econometric and statistical software that are more sophisticated and speed the process of producing high-quality studies (Stata, Eviews, Matlab, SPSS, etc.)

## ASSOCIATED PROJECTS

### Economics Institute/Unicamp

*Environmental assessment of agriculture in the state of São Paulo,  
Brazil: bases for sustainable rural development*

Ademar Ribeiro Romero  
FAPESP Grant 2002/06685-0

*Organizational design of the BIOEN program: intellectual property,  
incentive mechanisms, assessment mechanisms, and effects*

José Maria Ferreira Jardim da Silveira  
FAPESP Grant 2008/58041-6

*Brazil and the periphery in the age of globalization: currency  
mismatches, delayed production, economic policy regimes, and  
development*

Ricardo de Medeiros Carneiro  
FAPESP Grant 2005/60348-4

Contact for instructions  
for the use of the equipment

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