

APSCOM – Asia-Pacific Society for the Cognitive Sciences of Music

The APSCOM consists of **JSMPC** (Japanese Society for Music Perception & Cognition), **KSMPC** (Korean Society for Music Perception & Cognition) and **AMPS** (Australian Music & Psychology Society). The three societies in Japan, Korea and Australia are managed independently. Under APSCOM the three societies cooperate to foster research and collaboration in the cognitive science of music; and promote communication and friendship among researchers in the Asia-Pacific region.

ATIC (<http://www.atic.uma.es>) – Application of Information and Communication Technologies Research Group

Research Lines: Audio Analysis, Music Signal Analysis, Music Transcription, Automatic Music Composition, E-Learning: Signal Processing for Learning and Musical Education, Serious Games: Signal Processing for the Development of Serious Games, RFID: Radio-Frequency Identification, Cryptography and Security in Communications, Vehicular Networks.

CMMR (<http://cmr.soc.plymouth.ac.uk/cmmr2015>) – Computer Music Multidisciplinary Research

The CMMR acronym originally symbolized *Computer Music Modelling and Retrieval* and the first CMMR gatherings mainly focused on information retrieval, programming, digital libraries, hypermedia, artificial intelligence, acoustics and signal processing. Little by little CMMR has moved towards more interdisciplinary aspects related to the role of human interaction in musical practice, perceptual and cognitive aspects linked to sound modelling and how sense or meaning can be transmitted either from isolated sounds or musical structure as a whole. During CMMR 2012 the steering committee therefore decided to slightly change the significance of the acronym from Computer Music Modelling and Retrieval to Computer Music Multidisciplinary Research. This approach was a huge success at CMMR 2013 in Marseille - new research communities are now fully integrated to the conference in addition to the traditional ones.

CogSci Conference by The Cognitive Science Society (<http://cognitivesciencesociety.org/index.html>)

The Cognitive Science Society brings together researchers from around the world who hold a common goal: understanding the nature of the human mind. The mission of the Society is to promote Cognitive Science as a discipline, and to foster scientific interchange among researchers in various areas of study, including Artificial Intelligence, Linguistics, Anthropology, Psychology, Neuroscience, Philosophy, and Education. The Society is a non-profit professional organization and its activities include sponsoring an annual conference and publishing the journals Cognitive Science and TopiCS.

ESCOM (<http://www.escom.org>) – European Society for the Cognitive Sciences of Music

ESCOM is an international non-profit society with the aim to support theoretical, experimental and applied research in the cognitive sciences of music. The society disseminates knowledge of music perception and cognition, and encourages European and international cooperation within the fields of cognitive sciences of music. ESCOM was established in 1991. To support its activities the Society publishes *Musicae Scientiae*, the first issue of which was published in 1997. *Musicae Scientiae* publishes empirical, theoretical and critical articles directed at increasing understanding of how music is perceived, represented and generated. The journal deals with a wide range of topics, such as developmental psychology of music, music analysis, musical creativity, similarity, music and evolution, emotions, and performance.

In addition to publication activities, ESCOM organizes triennial conferences as well as seminars, educational programs and summer schools. The first ESCOM conference was organized in Trieste, Italy. In every six years the Society has a joint conference with International Society for Cognitive Sciences of music (→ **ICMPC**).

ESCOPE (<http://escop.eu>) – European Society for Cognitive Psychology

ESCOPE is a large Society with over 500 members, across a range of European countries and beyond. ESCOP's mission is "the furtherance of scientific enquiry within the field of Cognitive Psychology and related subjects, particularly with respect to collaboration and exchange of information between researchers in different European countries". The ESCOP conference has been organized since 1985 at a different European city and includes keynote lectures, symposia, oral, and poster presentations.

ICCMR (<http://cmr.soc.plymouth.ac.uk>) – Interdisciplinary Centre for Computer Music Research

The Interdisciplinary Centre for Computer Music Research (ICCMR) is devoted to research at the crossroads of music, science and technology. ICCMR is truly interdisciplinary: we actively publish our research outcomes in learned journals and conferences in the fields of music, digital arts, computing, engineering, psychology, neurosciences and medicine.

ICMPC (<http://www.icmpc.org>) – International Conference on Music Perception & Cognition

The International Conference on Music Perception and Cognition takes place every two years. Responsibility for the conference rotates among three major music psychology regional societies: **ESCOM** (hosted the 2012 meeting in Thessaloniki), **APSCOM** (hosted the 2014 meeting in Seoul) and **SMPC**, which will be responsible for the 2016 meeting.

IDIAP (<http://www.idiap.ch>)

Human & Media Computing. The Idiap Research Institute is an independent, nonprofit, research foundation affiliated with Ecole Polytechnique Fédérale de Lausanne (EPFL). Its activities encompass basic research and development in the areas of multimedia information management, perceptual and cognitive systems, social media, biometric person recognition, multimodal information interfaces, and large scale machine learning.

IRCAM (<http://www.ircam.fr>) – Institute of Research and Coordination in Acoustic and Music, Paris

The very peculiarity of IRCAM is to welcome and coordinate varied scientific points of view on issues that touch musical creation, that come from physics, from signal processing, computer science, cognitive psychology, or musicology. The parameters for research are defined by the acronym STMS which stands for Sciences et technologies de la musique et du son (Music and sound Sciences and technologies), a part of the mixed research lab UMR 9912 housed by IRCAM that brings together the CNRS and the UPMC.

The activities reply to two objectives: Contribute, through advances in science and technology, to the renewal of contemporary creation; and apply the expertise developed this way to broader societal and industrial subjects (media industries, cultural diffusion, education, etc.).

The realization of these missions is carried out via the production of multidisciplinary musical research projects that associate artists with researchers and through development work that produces technological modules and specialized software applications. IRCAM is a very active participant in French and European research projects and maintains a large number of industrial research partners.

ISMIR* (<http://www.ismir.net>) – The International Society of Music Information Retrieval

The annual Conference of the International Society for Music Information Retrieval (ISMIR) is the world's leading research forum on processing, analyzing, searching, organizing and accessing music-related data. Music becomes music after being processed by the human mind and each person perceives the music in a different and complex way. Therefore, this conference embraces the complexity and diversity of music by showcasing ideas and applications that aim to enhance the way in which we interact with music.

KogWis by GK (<http://www.gk-ev.de>) – Gesellschaft für Kognitionswissenschaften

The **German Society for Cognitive Science (GK)** was founded in 1994 with the goal to support the scientific progress in Cognitive Science research and to create an over-arching institutional frame for cooperation between the participating disciplines. Within this frame, synergy effects between the different scientific approaches towards the same phenomena shall be advanced effectively. It is thereby the aspiration of GK to further Cognitive Science comprehensively, from academic teaching to research projects to the identification of its benefits for practical use and job prospects.

MTG (<http://mtg.upf.edu>) – Music Technology Group, Barcelona

Host of the → **SMC** portal.

The Music Technology Group (MTG) of the Universitat Pompeu Fabra in Barcelona, part of its Department of Information and Communication Technologies, is specialized in sound and music computing. With more than 50 researchers coming from different and complementary disciplines, the MTG carries out research on topics such as audio signal processing, sound and music description, musical interfaces, sound and music communities, and performance modeling. The MTG combines expertise in engineering disciplines such as Signal Processing, Machine

Learning, Semantic Technologies, and Human Computer Interaction, to apply them in sound and music related problems.

The MTG wants to contribute to the improvement of the information and communication technologies related to sound and music, carrying out competitive research at the international level and at the same time transferring its results to society. To that goal, the MTG aims at finding a balance between basic and applied research while promoting interdisciplinary approaches that incorporate knowledge from both scientific/technological and humanistic/artistic disciplines.

The MTG was established in 1994 by its current director, Dr. Xavier Serra, and since then it has been very active at national and international levels in educational, research and dissemination activities related to music technology.

The Music Cognition Laboratory (<http://music.psych.cornell.edu/index.html>)

The Music Cognition Laboratory, founded in 1980, has taken an empirical approach to a wide range of topics concerning how music is perceived and remembered. The studies of tonality, pitch, and harmony helped to establish the psychological reality of music-theoretic concepts, including contemporary proposals on melodic structure and musical tension. A number of experiments have extended these investigations to music from other cultures and post-tonal music. Other research has been directed at understanding musical time and meter, including metrical hierarchies, perception of time, and rhythmic synchronization. The effect of seeing a performer on the perception and evaluation of performances has also been studied empirically, as well as emotional responses to music. Additional topics include timbre and musical development. Recent and current research is using popular music and film to study memory representations and associated autobiographical memories. Interests: music perception, cognition, and memory, music theory, music performance, emotion, development, cross-cultural music cognition, popular music, and autobiographical memory.

NIPS (<http://nips.cc>) – Conference on Neural Information Processing Systems Foundation

The Neural Information Processing Systems (NIPS) Foundation is a non-profit corporation whose purpose is to foster the exchange of research on neural information processing systems in their biological, technological, mathematical, and theoretical aspects. Neural information processing is a field which benefits from a combined view of biological, physical, mathematical, and computational sciences. The primary focus of the NIPS Foundation is the presentation of a continuing series of professional meetings known as the Neural Information Processing Systems Conference, held over the years at various locations in the United States, Canada and Spain.

SMC (<http://smcnetwork.org>) – Sound and Music Computing Conference

Held by Music Technology Group (→ **MTG**) in the Departments of Music and Computer Science at Maynooth University, Ireland.

SMPC (<http://www.musicperception.org>) – Society for Music Cognition and Perception

The Society for Music Perception and Cognition is a not-for-profit organization for researchers and others interested in music perception and cognition. The objectives of SMPC are: 1. to further the scientific and scholarly understanding of music from a broad range of disciplines, including music theory, psychology, psychophysics, linguistics, neurology, neurophysiology, ethology, ethnomusicology, artificial intelligence, computer technology, physics and engineering; 2. to facilitate cooperation among scholars and scientists who are engaged in research in this interdisciplinary field; and 3. to advance education and public understanding of knowledge gained.

The Society hosts biennial conferences, providing opportunities for members of the research community to present new research in the area of music cognition. Past meetings have been held in a variety of cities, hosted by different institutions. In addition, SMPC cooperates with other organizations in music cognition to host international conferences. The International Conference on Music Perception & Cognition (→ **ICMPC**), an associated international conference involving seven national societies is held on alternate years.