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(Coordinator of the North  
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## Sobrac North online event: acoustics and architecture, ideas in practice

*The first step of progress!*

**Abstract:** The virtual meeting, organized by Sobrac's Northern Region, represented a remarkable initiative to promote and expand the dialogue on the critical role of acoustics in the field of architecture and urbanism. This event was particularly focused on the peculiarities and needs of the northern region of Brazil. The meeting was enriched by the participation of distinguished professionals and industry representatives, who brought their valuable practical experience in acoustic projects, significantly contributing to the depth and relevance of the discussions. The purpose of this forum was not only to exchange knowledge, but also to raise awareness of the strategic importance of acoustics in urban development and construction projects in the region.

### Evento online Sobrac Norte: acústica e arquitetura, ideias na prática

*Resumo: O encontro virtual, organizado pela Sobrac Regional Norte, representou uma iniciativa notável para promover e expandir o diálogo sobre o papel crítico da acústica no âmbito da arquitetura e do urbanismo. Este evento foi particularmente focado nas peculiaridades e necessidades da região norte do Brasil. A reunião foi enriquecida pela participação de distinguidos profissionais e representantes da indústria, os quais trouxeram suas valiosas experiências práticas em projetos acústicos, contribuindo significativamente para a profundidade e relevância das discussões. Por meio deste fórum, visou-se não apenas a troca de conhecimentos, mas também a sensibilização para a importância estratégica da acústica em projetos de construção e desenvolvimento urbano na região.*

### 1. Introduction

Due to the circumstances caused by the COVID-19 pandemic, the event was held virtually and broadcasted on YouTube on the [Sobrac North channel](#) on December 10, 2021. The event was promoted on Sobrac's social media and groups, including the board members and the State Council of Architecture and Urbanism of Pará, Brazil (CAU-PA). Refer to the call to action in Figure 1.



**Figure 1:** Invitation for the Sobrac North event.

## 2. The event

The main objective of the event was to initiate and stimulate debate about the importance of acoustics in civil construction, particularly in architecture and urbanism. For this reason, professionals from engineering and architecture, as well as representatives of the acoustic materials industry, were invited to discuss these themes.

The event's program was designed to cover topics related to environmental acoustics, building acoustics, and room acoustics (see the announcements in Figures 2 and 3).

All debates, presentations, and round tables were open to public participation via *chat*, from which questions from the audience were collected. Moreover, the entire event was recorded and made freely available for viewing on the [Sobrac North YouTube channel](#).

**ONLINE EVENT**  
**ACOUSTICS & ARCHITECTURE**  
IDEAS IN PRACTICE | 10 | DEC 9:00

**OPENING**

**M. Sc. Krisdany Cavalcante**  
SOBRAC National President  
He is a specialist in Acoustics and has been the director of Performance and Study Commissions in Acoustics at ABNT since 2012. He was a professor at PUC-Minas, UFMG, and UNIFOR-MG. He is Technical Director at dB - Acoustics Laboratory, providing technical services in acoustics since 2002.

**M. Sc. Paulo Chagas**  
Coordinator of SOBRAC North  
He is a Civil Engineer, master in Architecture and Urbanism, and specialist in Environmental Comfort and Sustainability of Built Spaces (UFPA) with a focus on architectural acoustics. The regional coordinator of SOBRAC North, he works as a consultant and designer for VicoAcústica, and is the creator of the educational profile Clube da Acústica.

**José Akel Filho**  
CAU-PA President  
He is an Architect and Urban Planner, specializing in Urban Systems Engineering. He was the coordinator and professor of the Architecture and Urbanism course at UNAMA, is a member of the board of the Administration Company of the Metropolitan Area of Belém CODEM and is President of CAU-PA.

**FREE EVENT! REGISTER ON THE LINK:**  
<https://forms.gle/UKDdNeS9TPBuodBdA>

Organization:

(a) Opening flyer.

**ONLINE EVENT**  
**ACOUSTICS & ARCHITECTURE**  
IDEAS IN PRACTICE | 10 | DEC 9:20

**ROUNDTABLE**  
ACOUSTICS AND NBR 15.575

**Fabiana Curado**  
Sintese Architecture & Acoustics  
Architect and Urban Planner from UnB with a postgraduate degree in Acoustic Building and Environmental Engineering from FDTE-USP. She has been an acoustics consultant since 2011, has developed more than 250 projects and consultancies on the acoustic performance of homes, and carried out over 350 acoustic performance tests. She is a member of the Deliberative Council of SOBRAC, the Technical Standards Monitoring Group, and the Materials, Technology, Quality, and Productivity Committee of the Brazilian Chamber of Civil Construction - GANT/CBIC.

**PhD Danielly Garcia**  
Sense Thermal Acoustics and Lighting  
She is an Architect and Urban Planner from UFMG, with a Master's in Building Acoustics and Metallic Structures from the UFMG School of Engineering and a PhD from the UFMG School of Engineering. She was Professor and Coordinator of the Architecture and Urban Planning Course at the Centro Universitário do Leste de Minas Gerais; and Technical Director of Sense Thermal Acoustics and Lighting, she has worked in acoustics consultancy and projects since 2006. She is a Fiscal Advisor at Sobrac.

**Moderator**  
**M. Sc. Paulo Chagas**  
Coordinator of SOBRAC North

**FREE EVENT! REGISTER ON THE LINK:**  
<https://forms.gle/UKDdNeS9TPBuodBdA>

Organization:

(b) Roundtable on acoustics and NBR 15.575.

Figure 2: Event promotional flyers — Part 1/2.

## 3. Final considerations

The event established an extremely necessary dialogue in the northern region of the country, addressing the impacts of acoustics on built spaces and the responsibilities of construction professionals.

Although the challenge is far from overcome, the first steps have been taken towards raising awareness and training engineers, architects, and students.

**ONLINE EVENT**  
**ACOUSTICS & ARCHITECTURE**  
**IDEAS IN PRACTICE** | 10 | DEC 10:30

**ROUNDTABLE**  
**IDEAS IN PRACTICE**

**PhD Antônio Soares**  
Vice-Coordinator of SOBRAC North  
Antonio Carlos Lobo Soares is a PhD Architect and specialist in Acoustical Engineering from the Institute of Technology of the University of Lisbon, PT. Master in Development and Urban Environment from the University of Amazônia, BR. Museologist, Plastic Artist, and Senior Technologist at the Museu Paraense Emílio Goeldi.

**Lucas Falcão**  
Concepção Acústica  
Lucas is an Electrical Engineer, who studied Acoustical Engineering at the University of Salford, in Manchester, UK. He worked as a product development engineer in the field of Electroacoustics and is currently studying for a master's degree in acoustics and vibrations at UFSC. He is the founder of the design and education company Concepção Acústica.

**Moderator**  
**M. Sc. Paulo Chagas**  
Coordinator of SOBRAC North

**FREE EVENT! REGISTER ON THE LINK:**  
<https://forms.gle/UKDdNeS9TPBuodBdA>

Organization:  

(a) Roundtable on ideas in practice.

**ONLINE EVENT**  
**ACOUSTICS & ARCHITECTURE**  
**IDEAS IN PRACTICE** | 10 | DEC 14:00

**SEMINAR**  
**ACOUSTICS AND TECHNOLOGY**

**Fernando Neves**  
Saint-Gobain  
Architect with Specialization in Environmental Comfort from FUPAM-FAU USP and Acoustic Training at Ecophon - Sweden. For 20 years in the Saint-Gobain group, he has worked in several areas, including commercial technology and the development of thermo-acoustic products. He is currently responsible for developing the acoustic market in Brazil for the Acústica & Design business unit with dedicated service to acoustic specialists and consultants in Brazil.

**CLOSING - 14:50**

**M. Sc. Paulo Chagas**  
Coordinator of SOBRAC North

**PhD Antônio Soares**  
Vice-Coordinator of SOBRAC North

**FREE EVENT! REGISTER ON THE LINK:**  
<https://forms.gle/UKDdNeS9TPBuodBdA>

Organization:  

(b) Seminar on acoustics and technology.

Figure 3: Event promotional flyers — Part 2/2.