



News from ABCARB – The TLMC6 in Brazil 2026

Caros membros da comunidade Latinoamerica de Carbono. É com grande satisfação que convido a todos a participar de um dos maiores encontros técnicos sobre materiais de carbono, a se realizar no Brazil, em Belo Horizonte, no período de 16 a 19 de novembro de 2026.

Este ano, várias instituições brasileiras se juntaram a Federación Latinoamericana de Carbono (FLC) para contribuir e construir um evento de grande magnitude sobre materiais de carbono. Assim, o TLMC6 será realizado conjuntamente com o Fórum Grafeno, uma iniciativa do INMETRO em conjunto com o INCT de nanomateriais de carbono, grafeno e estruturas 2D, para dar mais visibilidade e com grande envolvimento sobre os materiais de carbono. Assim o Congresso Latinoamericano de Carbono (TLMC6 - Taller Latinoamericano de Materiales de Carbono) terá uma edição conjunta com do 4º Fórum Nacional de Grafeno (INMTRO – Brazilian National Institute of Metrology) e do INCT (National Institute of Science and Technology) de Nanomateriais de carbono e estruturas 2D.

Assim, os 3 eventos de carbono, serão realizados na UFMG (Universidade Federal de Minas Gerais) sob a Coordenação da Prof. Dr. Glauro Goulart Silva , Atual Vice Coordenadora do CTNano. A vice coordenação ficará a cargo da ABCARB representada pelo prof. Dr. Guilherme Lenz da Unievrsidade de São Paulo. As instituições participantes do evento são: ABCarb & FLC, INCT de NanoCarbono e Materiais 2D, INMETRO, CTNano/UFMG, CDTN-Granioter, SENAI - CIT e CIMATEC - e MackGraphe são co-organizadores e apoiadores.



Convidados internacionais já confirmados:

Terrance Barklan

Andrew Pollard

Karin Sapag

As linhas temáticas dos eventos, envolvem a academia, indústria e instituições de pesquisa, desenvolvimento e inovação com foco em:

Aplicações biomédicas

- Aplicações industriais de grafeno
- Catálise e aplicações relacionadas
- Estudos teóricos e computacionais
- Fibra de carbono e seus compósitos
- Materiais 2D
- Materiais porosos e adsorção
- Meio ambiente e sustentabilidade
- Nanocarbonos
- Nanotoxicologia e ecotoxicologia
- Regulamentação de grafeno e seus produtos

Maiores informações podem ser obtidas: website: (em construção): [Encontro Integrado de Materiais de Carbono, Grafeno e Materiais 2D](#)

- Haverá uma página em Espanhol



Valores das inscrições: Serão mantidos os mesmos valores do TLMC5-San Luis

VALOR INSCRIPCIÓN

Extranjeros:

- ✓ Alumnos*
U\$ 150
- ✓ Profesores e investigadores
U\$ 250

Extranjeros:

- ✓ Alumnos*
U\$ 190
- ✓ Profesores e investigadores
U\$ 300

Eu a Profa. Glaura, estamos trabalhando para conseguir novos patrocinadores e verbas institucionais e de agencias de apoio, inclusive para viabilizarmos as despesas de mais um membro da FLC (uma pesquisadora) para uma apresentação oral.

26/04/2026

Att.

Guilherme Lenz

ABCARB - FLC



Horário	Tema	Segunda 16/nov	Terça 17/nov	Quarta 18/nov	Quinta 20/nov
7:00 as 7:20h			1h (7 as 8h)	1h	1h
7:20 as 7:40h	inscrição/crachas e brindes				
7:40 as 8:00h					
8:00 as 8:20h					
8:20 as 8:40h					
8:40 as 9:00h					
9:00 as 9:20h			Plenaria latinoamericana		
9:20 as 9:40h			Plenaria latinoamericana		
9:40 as 10:00h			palestra patrocinador	palestra patrocinador	palestra patrocinador
10:00 as 10:20h	Coffee break				
10:20 as 11:00h	plenária		plenária INMETRO	Plenaria latinoamericana	Plenária encerramento
11:00 as 11:20h			plenária INMETRO	Plenaria latinoamericana	Plenária encerramento
11:20 as 11:40h					Plenária encerramento
11:40 as 12:00h			palestra patrocinador	palestra patrocinador	Encerramento
12:00 as 13:00h	almoço				
13:00 as 13:40h	almoço				
13:40 as 14:00h	plenária	Abertura	plenaria comum CTNano	plenaria comum Granioter	Visitas
14:00 as 14:20h	plenária / abertura (segunda)	Plenária abertura	plenaria comum CTNano	plenaria comum Granioter	Visitas
14:40 as 15:00h	plenária / abertura (segunda)	Planária abertura			Visitas
15:00 as 15:20h					Visitas
15:20 as 15:40h					Visitas
15:40 as 16:00h		palestra patrocinador	palestra patrocinador	palestra patrocinador	Visitas
16:00 as 16:20h	Coffee break				Visitas
16:20 as 16:40h		Plenária comum - SENAI	Plenaria comum INCT	Plenária Comum - Congresso	Visitas
16:40 as 17:00h		Plenária comum - SENAI	Plenaria comum INCT	Plenária Comum - Congresso	Visitas
17:00 as 19:00h	posters (*)	Posters	Posters	Confraternização	Visitas

(*) Café, chá, sucos e água
 ~20apresentações - FLC/ABCARB
 8 patrocinadores com direto da palestra

Visitas: CT Nano & SENAI
 CTNano: centro de Tecnologia de nanotubos de carbono e Grafeno / UFMG - <https://www.ctnano.ufmg.br/>
 SENAI - Cettro de Inovação e tecnologia SENAI
<https://www.ctnano.ufmg.br>

[Home - CIT](#)

Legend:

Pink area: oral presentaion

Poster presentations

Confraternization, lunch and cofee breaks

Exetrnal visitatios: R&D CTNano e CIT SENAI

Plenary Congresses - All invited





News from ABCARB – TLMC6 in Brazil 2026

Dear members of the Latin American Carbon community,

It is with great pleasure that I invite you all to participate in one of the largest technical meetings on carbon materials, to be held in Brazil, in Belo Horizonte, from November 16 to 19, 2026.

This year, several Brazilian institutions have joined the Latin American Carbon Federation (FLC) to contribute to and build a major event focused on carbon materials. In this context, TLMC6 will be held jointly with the Graphene Forum, an initiative of INMETRO in collaboration with the National Institute of Science and Technology (INCT) for carbon nanomaterials, graphene, and 2D structures, aiming to increase visibility and engagement in the field of carbon materials.

Thus, the Latin American Carbon Congress (TLMC6 Taller Latinoamericano de Materiales de Carbono) will take place in conjunction with the 4th National Graphene Forum (INMETRO – Brazilian National Institute of Metrology) and the INCT for Carbon Nanomaterials and 2D Structures.

Accordingly, the three carbon-related events will be held at UFMG (Federal University of Minas Gerais), under the coordination of Prof. Dr. Glaucia Goulart Silva, current Vice Coordinator of CTNano. The vice-coordination will be led by ABCARB, represented by Prof. Dr. Guilherme Lenz from the University of São Paulo. The participating institutions include: ABCarb & FLC, INCT for NanoCarbon and 2D Materials, INMETRO, CTNano/UFMG, CDTN-Granioter, SENAI-CIT, CIMATEC, and MackGraphe, acting as co-organizers and supporters.

Confirmed international speakers:

- Terrance Barklan
- Andrew Pollard
- Karim Sapag



Thematic areas of the event include academia, industry, and R&D&I institutions, with focus on:

- Biomedical applications
- Industrial applications of graphene
- Catalysis and related applications
- Theoretical and computational studies
- Carbon fiber and its composites
- 2D materials
- Porous materials and adsorption
- Environment and sustainability
- Nanocarbons
- Nanotoxicology and ecotoxicology
- Regulation of graphene and related products

Further information will be available on the website (currently under construction):
Integrated Meeting on Carbon Materials, Graphene, and 2D Materials

- A Spanish version of the webpage will also be available.

Registration fees:

The same fees as TLMC5 – San Luis will be maintained.

April 2, 2026

Sincerely,
Guilherme Lenz
ABCARB-FLC



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TERRANCE BARKAN

The future of Advanced Carbon Materials

- For more than 30 years, Terrance Barkan has been building trade and professional associations on a global basis, working in more than 70 countries on 6 continents around the world developing and implementing association growth strategy projects. This work has included the development of international standards and the growth of important technical, engineering, scientific and health care related organizations. Mr. Barkan has grown the Advanced Carbons Council to become the largest and most influential organization in the advanced materials sector world-wide. Key activities include the development of the Verified Producer™ program, the most robust, in-person validation program available to confirm bona fide advanced carbons production capabilities.



Title: The future of Advanced Carbon Materials

Terrance Barkan

Description:

This session will provide a global overview of the advanced engineered carbon materials ecosystem. Includes a description of what we mean by “advanced carbons” and will focus on the commercial trends that are driving innovation and demand for materials that can provide a much higher level of performance while reducing demands on the environment.

Advanced carbons materials do not work in isolation or competition from one another. Instead, we see that these materials often work better when used in combination. However, many producers of, for example, graphene, carbon fiber or carbon nanotubes do not have a good understand about the other materials they could be working with in synergy.

This session will give the audience and high-level understanding of the scale and scope of the global markets for graphene, CNT's, biochar, carbon fiber and reclaimed carbon fiber, graphite and other important carbon materials.

The presentation will also touch on the unique pricing dynamics that apply to nano-carbons as well as the regulatory environment.



ANDREW POLLARD Graphene Commercialisation: Why measurement and standardisation matters

- Andrew Pollard leads NPL's research into the structural and chemical characterization of graphene and related 2D materials, with a focus on enabling industrial commercialization in this area. This metrology research has allowed the development of several international standards addressing the measurement of 2D materials, either published or in progress within the ISO 'Nanotechnologies' Technical Committee (TC229). Andrew is also the Strategy Lead for Advanced Materials for NPL, addressing a wide range of different types of materials, applications and material properties. Andrew is a Visiting Lecturer at the University of Manchester, the co-chair of the VAMAS Technical Working Area 'TWA 41: Graphene and Related 2D Materials', Metrologist-in-Residence at the Henry Royce Institute, the Chair of the 'Materials and Characterization' Group at the Institute of Physics (IOP) and the recipient of the Royal Society of Chemistry's '2018 Rising Star in Industry Award'.



Textural Characterization and Applications of Nanoporous Carbons through Gas and Vapor Adsorption

Dr. Karim Sapag

Full Professor, Department of Physics, National University of San Luis (UNSL). San Luis, Argentina.

Superior Investigator (National Council of Scientific and Technological Research, CONICET). San Luis, Argentina.

Director of the Porous Solids Laboratory (LabSoP), Institute of Applied Physics (INFAP)-CONICET.

Director of Master's Degree in Materials Science, UNSL

President of the Latin American Federation of Carbon (FLC)

Fulbright Scholar-In-Residence at the University of Missouri, USA

