

# 2020 International Conference on Transportation Infrastructure and Materials (2020 TIM)

Innovation and Future of Transportation Infrastructure and Material Technology

*July 2nd-3rd, 2020*  
*Changsha University of Science & Technology*

International Conference on Transportation Infrastructure and Materials (TIM) is an annual international conference in the field of transportation infrastructure and materials. With its excellent academic atmosphere and high scholarly level, TIM has been internationally recognized for timely showcasing research development and enhancing technology transfer in the field of transportation infrastructure and materials. TIM is initiated by the International Association of Chinese Infrastructure Professionals (IACIP). The previous TIMs were organized by IACIP with Chang'an University, Qingdao University of Science and Technology, Hebei University of Technology, Shandong University and Shandong Jiaotong University. The Fifth International Conference on Transportation Infrastructure and Materials (2020 TIM) will be held in Changsha on July 2<sup>nd</sup>-3<sup>rd</sup> 2020, co-sponsored by IACIP and Changsha University of Science & Technology (CSUST).

## Call for Abstract

### Deadlines

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- 11/30/2019 Extended Abstract Submission Deadline
  - 12/30/2019 Abstract Acceptance Notification (for presentation)
  - 3/20/2020 Full Paper Submission Deadline for publication consideration
  - 7/2-7/3, 2020 Conference Date

### Conference topics

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#### 1. Infrastructure materials

- Asphalt and concrete materials
- Geotechnical materials
- Functional materials
- Infrastructure durability

#### 2. Infrastructure management and maintenance

- Condition assessment and monitoring
- Preservation and rehabilitation
- Infrastructure disaster prevention system
- Life cycle assessment

#### 3. Intelligent Infrastructure

- Intelligent road
- Intelligent building
- Intelligent engineering construction
- Intelligent monitoring

#### 4. Intelligent transportation system and transportation planning

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- Intelligent transportation system
- Automatic driving system
- Traffic planning

## 5. Geotechnical engineering

- Underground structure and geomechanics
- Shallow foundation and deep foundation
- Embankments, slopes and retaining walls
- Tunnel and underground space technology

## 6. Other related topics

- Climate effects on transportation infrastructure - expansive soils, freeze and thaw, wet and dry cycles, temperature, rainfall, flood, etc.
- Adaptation of transportation infrastructure to natural hazards and extreme events
- Others

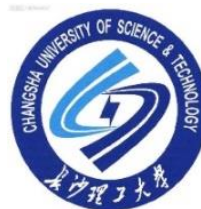
**Publication** - High quality papers will be recommended to the following journals for publication consideration

- Journal of cleaner production (SCI)
- ASCE Journal of materials in civil engineering (SCI)
- ASCE Journal of transportation engineering part B: pavements (SCI)
- Transportation geotechnics (ESCI)
- Underground space (ESCI)
- 《中国公路学报》 (EI,CSCD)
- 《交通运输工程学报》 (EI,CSCD)
- 《长安大学学报 (自然科学版)》 (CSCD)
- Journal of traffic and transportation engineering (English Edition) (CSCD)

## Secretary general

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## Organizers



**Manuscripts submission:** [www.ictim.org](http://www.ictim.org)

# 2020 交通基础设施和材料国际会议 (2020 TIM)

The 5th International Conference on Transportation Infrastructure and Materials

## 交通基础设施与材料技术的创新与未来

2020 年 7 月 2 号-3 号 长沙理工大学

交通基础设施和材料国际会议 (TIM) 是交通基础设施和材料领域每年召开一次的国际性学术会议, 以其严谨的学术氛围和较高的学术水平引领着交通基础设施与材料领域的研究与发展, 得到了世界范围内的广泛关注。往届 TIM 大会先后由 IACIP 与长安大学、青岛理工大学、河北工业大学、山东大学和山东交通大学举办。第五届国际交通基础设施与材料大会 (2020 TIM) 将于 2020 年 7 月 2 日至 3 日在长沙举行, 由 IACIP 和长沙理工大学 (CSUST) 共同主办。

## 摘要征集

### 重要日期

- 2019/11/30 长摘要截止日期
- 2019/12/30 长摘要接受通知截止
- 2020/3/20 推荐期刊出版全文提交截止
- 2020/7/2-3 会议

### 会议主题

#### 1. 基础设施材料

- 沥青和混凝土材料
- 土工材料
- 功能性材料
- 耐久性基础设施

#### 2. 基础设施管理与养护

- 基础设施监测与评估
- 基础设施修复
- 基础设施防灾系统
- 基础设施寿命周期评估

#### 3. 智能基础设施

- 智能道路
- 智能建筑
- 智能化工程施工
- 智能监测

#### 4. 智能交通系统与交通规划

# 2020 交通基础设施和材料国际会议 (2020 TIM)

2020 年 7 月 2 号-3 号 长沙理工大学

- 智能交通系统
- 无人驾驶系统
- 交通规划

## 5. 岩土工程

- 地下结构和地质力学
- 浅基础和深基础
- 路堤、斜坡和挡土墙
- 隧道与地下空间技术

## 6. 其它相关主题

- 气候对交通基础设施的影响 - 膨胀土、冻融、干湿循环、温度、降雨量、洪水等。
- 运输基础设施适应自然灾害和极端事件
- 其它主题

## 论文发表 - 高水平论文将会被推荐给以下杂志专刊发表:

- Journal of cleaner production (SCI)
- ASCE Journal of materials in civil engineering (SCI)
- Journal of transportation engineering part B: pavements (SCI)
- Transportation geotechnics (ESCI)
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- 《中国公路学报》 (EI,CSCD)
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## 秘书处

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