



# 建苑



Asian Institute of Built Environment Newsletter

## AIBE 2023年大事回顧



香港工程師週2023



校友會第一次聚會



畢業典禮2023



本校鍾同學榮獲CIHAPB的 Best Student Award



本校林同學獲選CIBSE Young Engineers Award 的最後五強



AIBE榮獲卓越專上教育成就金獎



AIBE英國交流團2023

# 2023-2024 1月班 現正招生 1月底開班

## 少量名額 欲報從速

房屋學介紹費每位\$5,000



### BA (Hons) Housing Studies

房屋學 (榮譽) 學士課程 (Reg. No. 252355)



- ★ 1月班 fast track 安排
- ★ 此課程已獲CIHAPB及HIREA認證
- ★ PMSA指明的物業管理學位 (Tier 1)
- 二人同行**每位**減 \$4,000
- 三人同行**每位**減 \$6,000
- 介紹費**每位** \$5,000

### BSc (Hons) Building Service Engineering

屋宇裝備工程(榮譽) 學士課程 (Reg. No. 252353)



- ★ 一年半兼讀課程
- ★ 英國原校課程已獲CIBSE認證
- 獎學金高達HK\$12,000
- 三人同行**每位**減 \$1,500

### MSc Building Services Engineering

屋宇裝備工程碩士課程 (Reg. No. 252592)



- ★ 100%功課評核
- ★ 英國原校課程已獲CIBSE認證
- 獎學金高達HK\$15,000
- 三人同行**每位**減 \$1,500

It is a matter of discretion for individual employers to recognize any qualification to which this course may lead  
個別僱主可酌情決定是否承認本課程可令學員獲取的任何資格。

# AIBE PROFESSIONAL ACHIEVEMENT PROGRAMME (APAP) - 2nd batch MCIBSE CEng 考牌工作坊 (2.5-hr CPD)



## PART 1 - 1st Step for Becoming MCIBSE CEng – Introduction of 4th edition of UK-SPEC

UK-SPEC 4th edition published by Engineering Council (EC hereafter) is effective starting from January 2022. It sets out the competence and commitment required for becoming registered as CEng, IEng or Eng Tech. CIBSE is one of the engineering institutions that have been licensed by the Engineering Council board to assess individuals for professional registration.

The competence criteria for the **MCIBSE** are directly aligned to the Competence Statements issued by EC. **To fully understand the requirements of UK-SPEC 4th edition for CEng would be absolutely helpful for the preparation of your EPR.**

#### References:

- <https://www.engc.org.uk/ukspec4th>
- <https://www.cibse.org/membership>

**26 JANUARY 2024 (FRIDAY)  
7:00 PM - 9:30 PM**

**Face-to-face at AIBE campus  
Cantonese**

**FREE OF CHARGE**

\*For environmental consideration, only e-CPD-certificate will be issued.  
Printed CPD certificate will be organized upon request, at a cost of HK\$40.

### REGISTRATION:

[https://aibe-edu.org/  
apapp1/](https://aibe-edu.org/apapp1/)

**DEADLINE:  
19<sup>st</sup> JANUARY 2024**

Limited space available

★ Priority is given to AIBE alumni ★



# 學術文章分享 -

## Lignin-derived electro-spun fiber for filtration applications

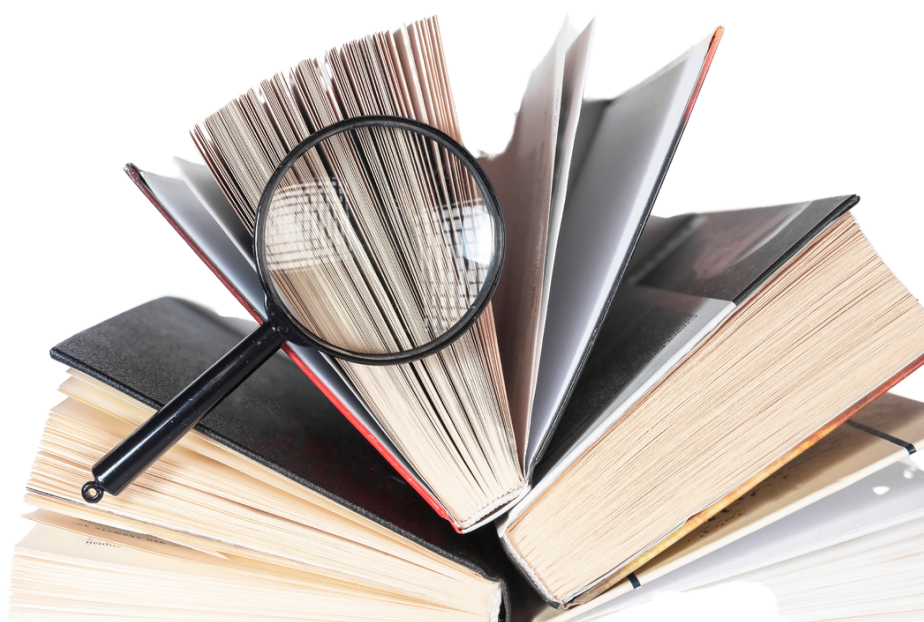
Written by

Chi Wing Tsang, Wai Kit Wong, Dawson Wai Shun Suen, Kin Hei Lui, Sher Kin Tang

### Abstract

Lignin, which can be extracted from wood waste, is one of the most abundant biopolymers on the earth and its biodegradability, renewability, strong mechanical properties make it suitable for use in a number of applications. The polymeric materials can be electrospun to prepare nanofibrous materials which can capture particulate matters such as PM 2.5. They can also be used for indoor and outdoor air filtration purposes to stop the widespread of contagious diseases such as the recent COVID-19. With the aid of electrospinning techniques, fibrous filter materials derived from lignin were synthesized. This project demonstrates great potentials of valorization of wood wastes as uses in filter materials and as an alternative to the current use of non renewable and non biodegradable polypropylene materials.

**Keywords:** lignin, fibrous materials, filter materials, electrospinning, biodegradable polymers



Download full text:



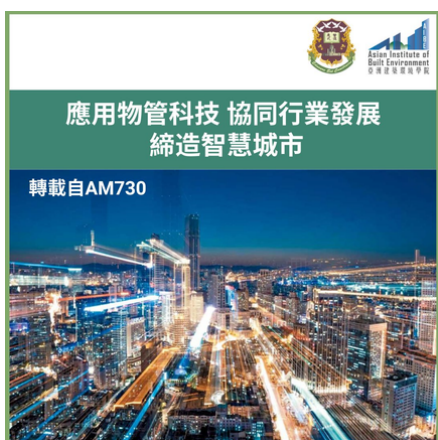
# 行業消息回顧 - (掃描圖片右QR code查看原文)



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## 1. [PMSA公布最新認可專業團體 - CIBSE HK Region]

「物業管理業監管局（監管局）今天公布其「認可專業團體」名單加入英國屋宇裝備工程師學會香港分會的榮譽會員、高級會員及會員會籍，有關會籍均符合監管局發出物業管理（物管）人（第1級）牌照有關專業資格的準則。監管局根據英國屋宇裝備工程師學會香港分會與香港物管業的相關性、其招收會員的準則、專業操守的規管機制、對會員持續專業發展的要求，以及其於業界的認受性五大考慮因素一視同仁地審核其認可申請。」



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## 2. [應用物管科技 協同行業發展 締造智慧城市]

「建設大腦：BIM to FM 現時在興建樓宇設施時，都會利用簡稱「BIM」的建築信息模型，通過加入工程所牽涉的物料數據、地理資訊系統等，將真實的建築物以AI生成一個三維虛擬模型呈現出來，用作規劃和估算施工進度。而當樓宇設施落成後，該BIM模型便會轉化成設施管理平台(FM)用於監測建築物生命週期，如設備維修、預判部件更換等，簡化檢查流程。」



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## 3. [PMSA制定《處理物業建築工程》操守守則]

「物業管理業監管局（監管局）12月1日布根據《物業管理服務條例》（第626章）第5(1)條制定的《處理物業建築工程》操守守則會於本月刊憲生效，而相關《良好作業指南》亦已同時制定，為物業管理（物管）業界就處理物業的建築工程提供實務指引。

上述守則指南旨在就持牌物管公司為其提供物管服務的物業自行或安排承建商進行建築工程（包括維修、保養、改動及加建工程）或處理有關物業個別業主的單位所進行的建築工程提供實務指引……」



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## 4. [香港綠色建築議會：7間發展商及物管公司獲「零碳就緒建築認證」]

「香港綠色建築議會早前發佈全港首份《建築環境氣候變化框架》並宣布正式推出「零碳就緒建築認證」，並於9月26日於香港金融大會堂舉行啟動儀式。目前已有7間發展商及物業管理公司獲頒發認證，共29個項目獲得嘉許。企業包括華懋集團、恒基兆業、置地公司、希慎興業、南豐集團、信和置業及太古地產等。香港綠色建築議會一直致力推動業界在2050年前邁向碳中和，帶領香港成為全球綠色建築的典範。」