

Sustainable Development Goals (SDGs) 4: Quality Education

Metric Reference 4.3.2


(Public events (lifelong learning): Host events at university that are open to the general public: public lectures, community educational events.)

Public Lecture

Description

Public Lectures are activities organized by FMIPA UI with the aim of adding insight and providing motivation in developing knowledge. The event presented speakers who were experts in their fields and experienced.

Poster

Department / Activity	Poster
<p>Department of Chemistry Guest Lecture "Mitigation of Harmful Algal Blooms From a Chemist Perspective"</p>	 <p>The poster features the logos of Universitas Indonesia (UI) and the Department of Chemistry FMIPA UI. It prominently displays 'GUEST LECTURE' in large yellow and black text. The title of the lecture is 'Mitigation of Harmful Algal Blooms: From A Chemist Perspective'. The speaker is identified as Dr. Anwar Iqbal, BSc, from University Sains Malaysia. The event is scheduled for Tuesday, 28 March, 2023, from 10:00 to 12:00 am. The location is the Seminar Room, Department of Chemistry 2nd Floor and Zoom. Registration is available at bit.ly/USMGuestLecture2023 and the Zoom link is https://bit.ly/ZoomUSM2023. The poster also includes social media handles for the department and university.</p>

Department of Chemistry
 Guest Lecture and Postgraduate Student Recruitment with University of Ulsan (UOU)

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Invitation
 Guest Lecture and Postgraduate Student Recruitment With University of Ulsan (UOU)

12 January 2022
 10.00 - 13.00 WIB

Department of Chemistry
 Universitas Indonesia

Prof. Youngli Lee
 Department of Chemistry

Prof. Beom Jin Kim
 Department of Chemistry

Prof. Hyung-il Lee
 Department of Chemistry

Prof. Sang Kook Woo
 Department of Chemistry

Prof. Seung Goo Lee
 Department of Chemistry

Maka Info: 0812295131843

Repost

@departemenkimia.ui | departemen kimia ui | Departemen Kimia FMIPA-Ul | @depkimia_ui | https://chem.ui.ac.id/

Department of Chemistry
 Seminar - Polymers
 An Introduction to Science and Applications

Merdeka Belajar
FMIPA

Seminar
POLYMERS: AN INTRODUCTION TO SCIENCE AND APPLICATIONS

MODERATORS

1ST SESSION (10.15 - 12.00)
 Topic: Polymer Science: Basic, Architecture, Rheology, and Thermal Properties
 Moderator: Dr. Bayu Ardiansah, S.Si., M.Si.

2ND SESSION (13.15 - 15.00)
 Topic: Polymer Applications in Coatings
 Moderator: Dr. rer. nat. Noverra M. Nizarido

3RD SESSION (15.15 - 16.00)
 Topic: Academic Discussion with Faculty Members (Staffs Only)
 Moderator: Dr. Yuni Krisnandi, M.Sc.

GUEST LECTURER

RAY FERNANDO, PH.D
 POLYMERS & COATING EXPERT
 Professor and Director of the Kenneth N Edwards Western Coatings Technology Center at California Polytechnic State University

REGISTER
<https://bit.ly/Seminar-Polymer>

CONTACT PERSON:
 +6285278135665 (MS. DAME)

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Department of Chemistry
UI Resolve Class Course
Electrochemical Methods

Department of Chemistry
UI Resolve World Class Professors
Lecture Series
Cascade Conversion of Carbohydrates to Pyrroles and Indoles

Department of Chemistry
Kuliah Tamu Multi-functional Furans From Un-activated Carbohydrates

UNIVERSITAS INDONESIA
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

DEPARTEMEN KIMIA
(Gedung 5 Fakultas Matematika dan Ilmu Pengetahuan Alam)
Jl. Raya C. Diponegoro 2, Plosoengrango, Kampus UI Depok, 16125
Telp: +62-617270027, +62-01 78649005, Fax: +62-01 78644102
www.dekem.ui.ac.id

NOTA DINAS
Nomor : ND-09/UN2.F3.10/PDP/2023

Yth : 1 Staf Pengajar/Dosen Departemen Kimia
2 Mahasiswa Pascasarjana Departemen Kimia FMIPA-UI
Dari : Ketua Departemen Kimia FMIPA-UI
Perihal : **Kuliah Tamu**

Bersama ini kami mengundang Bapak/Ibu/Sdr. untuk dapat hadir pada acara Kuliah Umum, pada:

Hari/Tanggal : Jum'at, 24 Februari 2023
Jam : 09.00 WIB - selesai
Tempat : Ruang Rapat Departemen Kimia
Tema : "Multi-functional Furans From Un-activated Carbohydrates"
Pembicara : Prof. Dr. Zaher Judeh
Nanyang Technological University, Singapura.

Demikian undangan ini. Atas perhatian dan kehadirannya kami ucapkan terima kasih.

UNIVERSITAS INDONESIA
24 Februari 2023
Ketua,
Dr. Kepp Saefudin, M.Si
NIP. 197012161987031002

KULIAH TAMU

Multi-functional Furans From Un-activated Carbohydrates
Mallikharjuna Rao Lambu, Zaher Judeh*
Nanyang Technological University, 62 Nanyang Drive, N1 2-B1-14, Singapore 637459, Email: Zaher@ntu.edu.sg

Abstract:
Abstract: Functionalized furans are privileged scaffolds, and hundreds of them have been isolated from plants and microorganisms. They are important heterocyclic building blocks especially for pharmaceuticals, fine chemicals and agrochemicals. Therefore, practical and sustainable synthesis of pyridine is of high interest. In this talk, we will discuss one-step, chemo-, stereo- and regio-selective synthesis of densely functionalized furans from unreacted and unmodified carbohydrates (Figure 1). We will also present evidence for the mechanism of the reaction using NMRs. This simple reaction proceeds through a cascade mechanism involving Knoevenagel condensation, Oxo-Michael addition, Thorpe-Ziegler type reaction followed by ring opening-induced aromatization.

References:
1) Mallikharjuna Rao Lambu and Zaher Judeh. *Chemlet Chem.* 2019, 1, 621-629
2) Mergin Via, Mallikharjuna Rao Lambu, Muthu Babu Tatinu, Zaher M. A. Judeh, J. Org. Chem. 2021, 86, 1, 837-846.

JUM'AT
24 FEBRUARI 2023
Tempat :
Ruang Seminar
Departemen Kimia
FMIPA-UI

Department of Biology
Introduction to International Graduate Program A (IGP-A) Scholarship Tokyo Tech

FMIPA

東京工業大学
Tokyo Institute of Technology

INTRODUCTION TO
INTERNATIONAL GRADUATE PROGRAM (A)
IGP-A SCHOLARSHIP TOKYO TECH


PROF. SUSUMU KAJIWARA
DEAN OF SCHOOL OF LIFE SCIENCE AND TECHNOLOGY


PROF. SHUNICHIRO OGURA
DEPARTMENT OF BIOENGINEERING

MONDAY MARCH 20 2023
10.00 - 12.00 WIB

501 MULTIDICIPLINE BUILDING
FMIPA
UNIVERSITAS INDONESIA

Register Now!



Department of
Chemistry
Seminar
Collaborating with
UKM



**MERDEKA
BELAJAR**



Mohd zahid Md Yusoff
Universiti Kebangsaan Malaysia
Department of Chemical
Sciences, Faculty of Science &
Technology

Topic :
Instrumentation and facilities
for research by ALAF-UKM



Jalifah Latip
Universiti Kebangsaan Malaysia
Department of Chemical
Sciences, Faculty of Science &
Technology

Topic :
Application of Analytical
Techniques in the Discovery of
Natural Products

9:30-12.00 AM | 29.05.2023



Ruang Rapat Departemen Kimia UI



bit.ly/ChemistryWebinar2_2023

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Department of
Chemistry
Synthesis and Alpha-
Glucosidase
Inhibition of
Phenylpropanoid
Sucrose Esters



DEPARTMENT OF CHEMISTRY FMIPA UI PROUDLY PRESENTS

**MERDEKA
BELAJAR**

SYNTHESIS AND ALPHA-GLUCOSIDASE INHIBITION OF PHENYLPROPANOID SUCROSE ESTERS

Moderator : Dr. Bayu Ardiansah



Time: 09.30 am

Friday, 26 May 2023

Abstract

Phenylpropanoid sucrose esters (PSEs) are plant-derived metabolites that exist widely in medicinal plants and possess important bioactivities. Their precise synthesis is challenging due to the distinct and diverse substitution patterns at the sugar framework, and it is scarcely reported. We will present a precise synthesis of PSEs starting from 2,1:4,6-di-O-diisopropylidene sucrose via an orthogonal protection/deprotection and selective cinnamylation strategy. The strategy is enabled by a carefully selected and synergistic set of protecting groups and deprotecting agents under the optimized conditions. We will then present the alpha-glucosidase inhibition studies using the synthesized compounds



Prof. Zaher Judeh, PhD
Speaker

Nanyang Technological University



Ruang Rapat Departemen Kimia UI



bit.ly/ChemistryWebinar_2023

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Department of
Chemistry
UI Resolve Hydrogen
Energy



UNIVERSITAS INDONESIA
FACULTY OF SCIENCE
MATEMATIKA DAN ILMU PENGETAHUAN ALAM

DEPARTMENT OF CHEMISTRY FMIPA UI
PROUDLY PRESENTS

UI Resolve
Hydrogen Energy

Moderator
Muhammad Ridwan S.Si., M.Eng., Ph.D.

Date
Thursday, 4 May 2023

Time
08:00 AM WIB

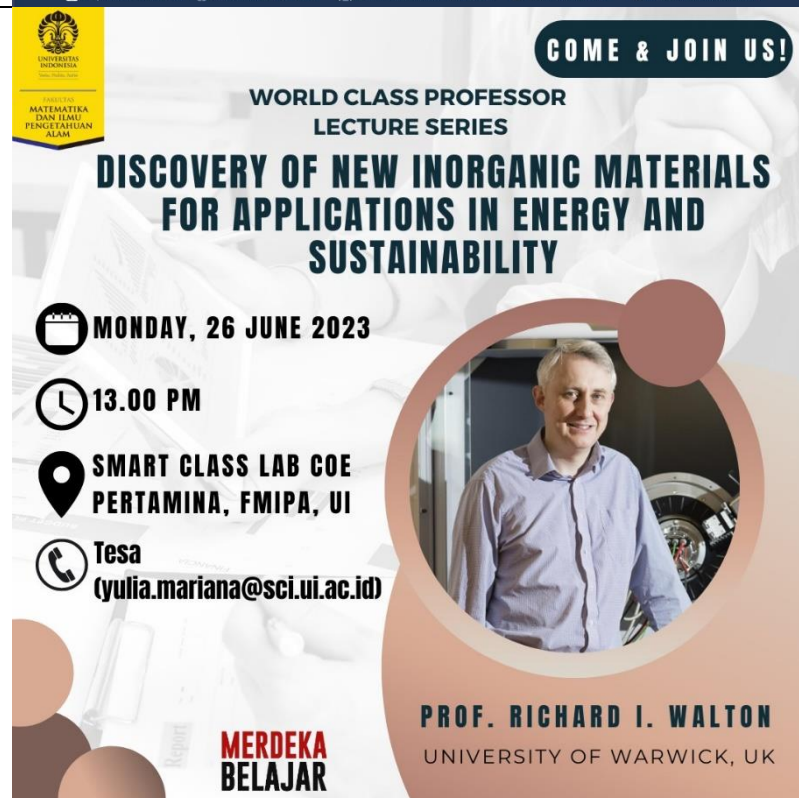
Zoom (Online)
<https://bit.ly/UIResolveHydrogenEnergy>

Contact
Safira (0812189511841)

Prof. Yoon Chang Woon
Pohang University of Science and Technology
Chemical Engineering

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FOR APPLICATIONS IN ENERGY AND
SUSTAINABILITY**

MONDAY, 26 JUNE 2023

13.00 PM

**SMART CLASS LAB COE
PERTAMINA, FMIPA, UI**

Tesa
(yulia.mariana@sci.ui.ac.id)

PROF. RICHARD I. WALTON
UNIVERSITY OF WARWICK, UK

MERDEKA BELAJAR

Department of
Mathematics
Jasa Raharja
Mengajar



JASA RAHARJA
A member of IFG



JASA RAHARJA MENGAJAR

"SOCIAL INSURANCE"

21 JUNI 2023

09.00 - 11.00 AM

AULA D.108
DEPARTEMEN MATEMATIKA, FMIPA
UNIVERSITAS INDONESIA

DAFTAR SEKARANG
<http://bit.ly/KulumSocialInsurance>

FREE E-CERTIFICATE



PROF. ALHADI BUSTAMAM, S.SI, M. KOM, PH.D.
KETUA DEPARTEMEN MATEMATIKA FMIPA
UNIVERSITAS INDONESIA



SUHADI, SE, AAAI-K, CRGP
KEPALA PT JASA RAHARJA
CABANG UTAMA, DKI JAKARTA

IKUTI DAN DAPATKAN
DOOR PRIZE MENARIK

TERSEDIA PEMERIKSAAN KESEHATAN GRATIS

Department of
Geography
Kuliah Umum –
Survey Pemetaan
untuk Pembangunan



KULIAH UMUM

"Survey Pemetaan Untuk Pembangunan"



Bersama
Dr. Cecep Subarya, M.Sc.
(Ahli Praktisi Survey Pemetaan)

Rabu, 21 Juni 2023
09:00-12:00 WIB
Gedung C FMIPA UI (Ruang G.A. Siwabessy)

Nb. Wajib Untuk Mahasiswa Pengikut
MK Survey dan Pemetaan

Department of Physics
 Plasmonic Chemistry:
 Activating Chemical
 Reactions with Metal
 Nanoparticles

Department of Physics
 Faculty of Mathematics and
 Natural Sciences
 Universitas Indonesia

13 SEP 2023
WEEKLY SEMINAR
13:00 - 15:00 WIB

PLASMONIC CHEMISTRY: ACTIVATING CHEMICAL REACTIONS WITH METAL NANOPARTICLES

ABSTRACT
 Metal nanoparticles strongly scatter and absorb light thanks to light-driven oscillations of their free electrons called plasmon resonances. These resonances can be used to drive and detect chemical reactions at the nanoscale. In this talk, I will cover fundamental aspects of plasmonics and show examples from our group's work on the use of plasmon resonances to drive nanomaterial synthesis [1-3] and heterogeneous catalysis [4,5].

[1] Kamarudheen, ... **AB**, ACS Nano (2018)
 [2] Kamarudheen, ... **AB**, ACS Energy Letters (2020)
 [3] Kamarudheen, ... **AB**, Nature Communications (2020)
 [4] Kumari, ... **AB**, ACS Catalysis (2021)
 [5] **AB** & Askes, ACS Catalysis (2023)

Baldi is involved in teaching in several bachelor and master courses in Physics and in Science and Business Innovation. In particular, he teaches in the courses "Sustainable Energy: Biomass and Biofuels", "Current Sustainable Energy Technologies", "Innovation Project Energy", "Emergent Energy Materials", and "Materials for Light-Energy Conversion". He also regularly supervises bachelor and master research projects.

Speaker
Dr. Andrea Baldi
 Associate Professor, Faculty of Science,
 Photo Conversion Materials
 LaserLAB - Energy

Moderator
Ferry Anggoro Ardy Nugroho, Ph.D.
 Lecturer at Physics Department
 Universitas Indonesia

ID: 860 8222 9048
 Passcode: Reboan

Main Seminar Room,
 2.5th floor F Building,
 Department of Physics

e-certificate for all participants at the end of the session

This seminar is open to public, students, lecturers, researchers, etc. and free of charge

Department of Chemistry
 Guest Lectures
 - Synthesis of Selected heterocyclic compounds: fluorescence characteristic and bioactivities studies
 - What is the pH of an electrode surface? The importance of in situ studies in determining the true nature of electrocatalysts during operation

FMIPA ROYAL SOCIETY OF CHEMISTRY

Guest Lectures

Session 1:
 "Synthesis of selected heterocyclic compounds: fluorescence characteristics and bioactivities studies"

Prof. Zanariah Binti Abdullah
 Universiti Malaya

Session 2:
 "What is the pH of an electrode surface? The importance of in situ studies in determining the true nature of electrocatalysts during operation"

Prof. Katherine Holt
 University College London

Department of Chemistry
 Faculty of Mathematics and Natural Sciences, Universitas Indonesia

Thursday, September 21st, 2023
 Time: 3.30 - 5.00 p.m. (WIB/GMT+7)
 Location: Prof. Dr. G.A. Siwabessy Hall FMIPA UI

**Department of
Biology**
LPDP & Pasca Bio UI
Sharing Session



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LPDP & PASCA Bio UI Sharing Session



**SELASA
5 DESEMBER 2023**



**WAKTU
08.30 AM - 12.00 PM**



**HYBRID
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**+VIA
ZOOM**

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OUR SPEAKER



Dr. Agam Bayu, SE., MBA.
Kepala Divisi Kerja Sama dan
Pengembangan Beasiswa



Dr. Dra. Dian Hendrayanti, M.Sc.
Ketua Program Studi S2 dan S3



Dr. rer. nat. Yasman, S.Si, M.Sc.
Ketua Program Studi
S2 Ilmu Kelautan

dan juga bersama
Alumni/Awardee LPDP
di Departemen Biologi
FMIPA UI

**Department of
Chemistry**
Public Lecture
Chemical Biology
"Make the Invisible in
Our Body Visible
using Fluorescent
Tools"



**PUBLIC LECTURE
Chemical Biology**

**MERDEKA
BELAJAR**

**MAKE THE INVISIBLE IN OUR BODY VISIBLE USING
FLUORESCENT TOOLS**



**Gedung C
FMIPA UI**

Ruang Aula Prof. Dr.
G.A Siwabessy



Friday

**22 Dec 2023
9.30 - 11.30 WIB**

Speaker:

Prof. Chang Young Tae

POSTECH, South Korea

Assoc. Director, Institute for Basic Science South Korea

bit.ly/PostechPubLecture

[Cahya \(0822243942500\)](tel:0822243942500)

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