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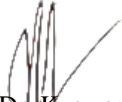
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 H-index : 30, Impact factor : 0.547 (2021-2020)

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c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	7,00	8	7,5
d. Kelengkapan unsur dan kualitas penerbit (30%)	7,00	8	7,5
Total = (100%)	23,50	27	25,25
Nilai untuk Pengusul : 60% x 25,25 = 15,15			

Reviewer 1



Prof. Dr. Kusworo Adi, S.Si., M.T.
 NIP. 197203171998021001
 Unit Kerja : Fisika/FSM/UNDIP
 Bidang Ilmu: Fisika Instrumentasi

Semarang, 10 Februari 2023

Reviewer 2



Prof. Dr. Agus Subagio, S.Si., M.Si.
 NIP. 19710813 1995121001
 Unit Kerja : Fisika/FSM/UNDIP
 Bidang Ilmu: Fisika Material

**LEMBAR
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c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	7,5		7,00
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	7,5		7,00
Total = (100%)	25		23,50
Nilai Pengusul = 60% x23,50 = 14,10			

Catatan Penilaian artikel oleh Reviewer :

1. Kelengkapan unsur isi prosiding:

Penulisan artikel sudah baik dan mengikuti standard penulisan artikel di prosiding, yaitu Abstrak, Introduction, Method, Result and Discussion, Conclusions, and References. Tidak ada Acknowledgement. Substansi artikel sesuai bidang ilmu pengusul

2. Ruang lingkup dan kedalaman pembahasan:

Lingkup bahasan dari artikel ini adalah bidang fisika. Pembahasan cukup baik yaitu mendapatkan kecepatan aliran EHD dan menentukan daya listrik aliran EHD. Aliran EHD dihasilkan oleh DC tegangan tinggi (hingga 5 kV). Elektroda pin dihubungkan ke polaritas positif dan cincin elektroda / cincin multi-konsentris ke polaritas negatif. Kedalaman pembahasan baik.


3. Kecukupan dan kemutakhiran data/informasi dan metodologi:

Informasi yang disajikan cukup baru dan hasil yang diperoleh memuat substansi orisinil dengan aspek aplikasi yang penting. Sumber gagasan penulis untuk artikel ini cukup komprehensif. Dari 16 referensi yang dipakai terdapat 2 paper yang lebih dari 10 tahun terakhir (out of date). Metodologinya dan penulisannya cukup terstruktur.

4. Kelengkapan unsur dan kualitas terbitan:

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Semarang, 10 Februari 2023
 Reviewer 1


 Prof. Dr. Kusworo Adi, S.Si., M.T.
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Komponen Yang Dinilai	Nilai Maksimal Prosiding		Nilai Akhir Yang Diperoleh
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a. Kelengkapan unsur isi jurnal (10%)	3		3
b. Ruang lingkup dan kedalaman pembahasan (30%)	9		8
c. Kecukupan dan kemutakhiran data/informasi dan metodologi (30%)	9		8
d. Kelengkapan unsur dan kualitas terbitan/prosiding (30%)	9		8
Total = (100%)	30		27
Nilai Pengusul = 60% x 27 = 16,2 (Max 30)			

Catatan Penilaian artikel oleh Reviewer :

- Kesesuaian dan kelengkapan unsur isi jurnal:**
Tulisan sudah lengkap yang terdiri dari title, abstract, introduction, research procedure, result and discussion, conclusion, references. Artikel telah sesuai dengan bidang ilmu pengusul/anggota penulis.
- Ruang lingkup dan kedalaman pembahasan:**
Pembahasan artikel terkait studi aliran EHD dengan mengkaji kecepatan dan daya listriknya. Artikel ini juga dilengkapi dengan referensi pada bagian pembahasan untuk menguatkan diskusi.
- Kecukupan dan kemutakhiran data/informasi dan metodologi:**
Metode standar serta referensi yang digunakan cukup baik terkait setting eksperimen. Makalah didukung oleh 16 daftar pustaka.
- Kelengkapan unsur dan kualitas terbitan:**
Prosiding untuk artikel yang diterbitkan telah terindex dan memiliki kualitas internasional. Kelengkapan dan kualitas cukup baik terdapat gambar untuk memudahkan penjelasan.

Semarang, 10 Februari 2023

Reviewer 2



Prof. Dr. Agus Subagio, S.Si., M.Si.

NIP. 19710813 1995121001

Unit Kerja : Fisika/FSM/UNDIP

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The study of EHD flow: Velocity and electrical power

Sumariyah^a ; Kusminarto^b; Hermanto, Arief^b; Nuswantoro, Pekik^b

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^a Physics Department, Faculty of Sciences and Mathematics, Diponegoro University, Indonesia

^b Physics Department, Faculty of Mathematics and Natural Sciences, Gadjah Mada University, Indonesia

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Abstract

Electrohydrodynamics (EHD) flow is the yield of the corona discharge. Corona discharge characterized by electrical phenomena that occur together in a gas medium under the influence of an electric field. In corona discharge, the electric field is not homogeneous due to the geometry of the electrode configuration. In this study, a pin-multi concentric ring electrode (P-MRE) and pin-single ring electrode (P-SRE) has been used as electrodes configuration. The objective of this research is to get the velocity of EHD flow and determining the electrical power of the EHD flow. EHD flow generated by a DC high voltage (up to 5 kV). The pin electrode was connected to a positive polarity and electrode ring/multi-concentric rings to negative polarity. Based on our result, we make a comparison of two types of corona configurations. The results were obtained that, EHD flow velocities with the P-MRE was greater than the P-SRE for the same distance and voltage. We found that u-P characteristics of EHD flow with the P-MRE and P-SRE follow relationship as $u \sim P^{1/3}$. © The Authors, published by EDP Sciences, 2018.

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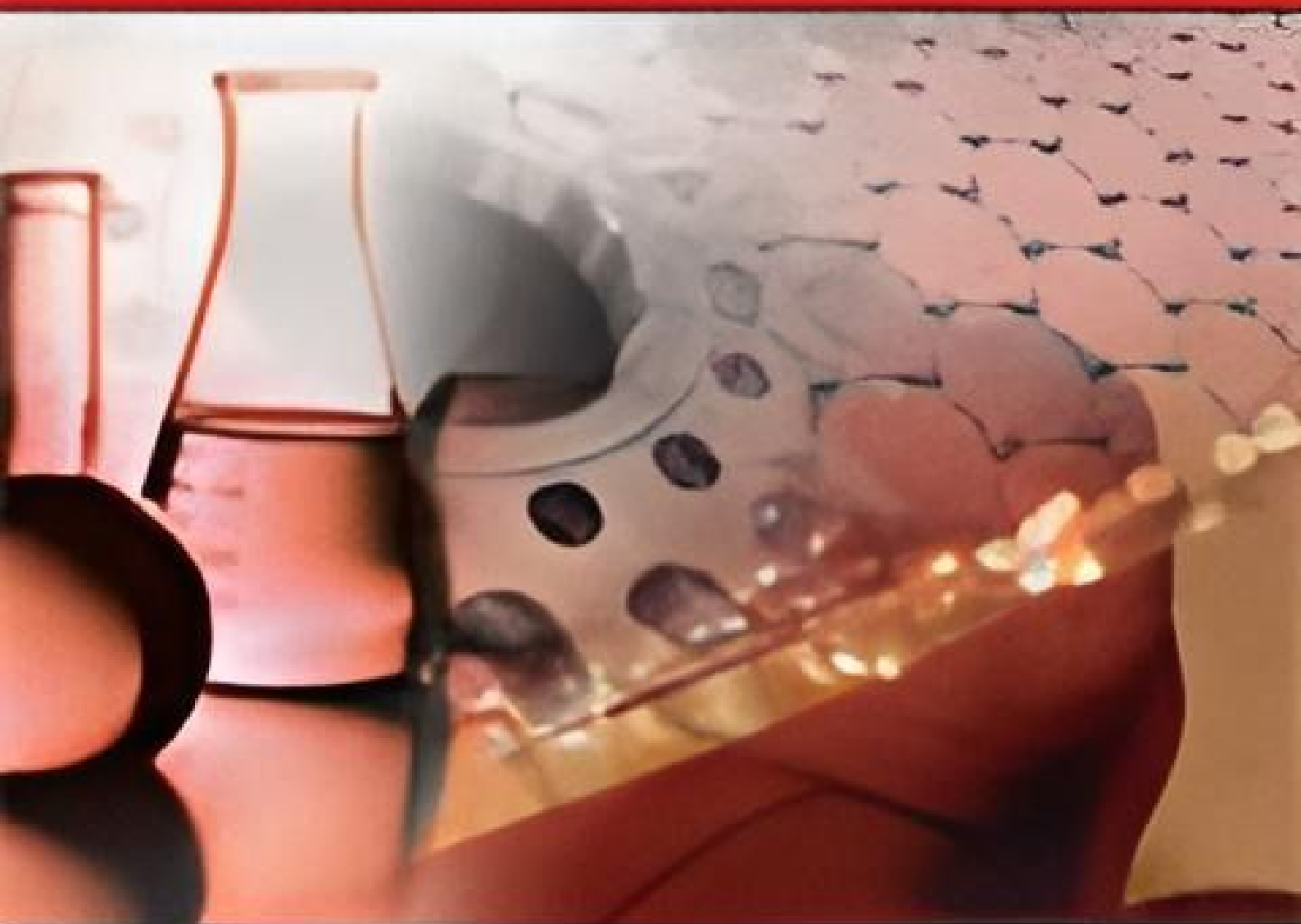
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Section	Chemical Engineering Fundamentals
DOI	https://doi.org/10.1051/mateconf/201815602003
Published online	14 March 2018

MATEC Web of Conferences 156, 02003 (2018)

Process Design of Virgin Coconut Oil (VCO) Production Using Low-Pressure Oil Extraction

Patricia Janelle Ferrer¹, Vanessa Ferl Quilinguen¹,
Jeremiah Rosario¹ and Lola Domnina Pestaño^{1,2*}

¹ Chemical Engineering Department, Faculty of Engineering, University of Santo Tomas

² Research Center for the Natural and Applied Science, University of Santo Tomas España Boulevard 1015 Manila, **THE PHILIPPINES**

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Section	Processes for Energy and Environment
DOI	https://doi.org/10.1051/mateconf/201815603013
Published online	14 March 2018

MATEC Web of Conferences 156, 03013 (2018)

A decision modelling approach for selection of biological nutrient removal systems for wastewater

Carla Mae Pausta¹, Ramon Christian Eusebio², Arnel Beltran¹, Aileen Huelgas-Orbecido¹ and Michael Angelo Promentilla^{1*}

¹ Chemical Engineering Department, De La Salle University, **Manila City**

² Department of Engineering Science, University of the Philippines Los Baños, Laguna

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