



More Details

Poster Submission AMS Conference, Sfax, Tunisia, May 3rd – 5th, 2016

Poster session organized by the African Membrane Society (AMS)

POSTERS MUST BE SENT BY February 29, 2016.

**CONFERENCE ATTENDANCE IS NOT MANDATORY & PRIZES ARE AVAILABLE!
(English or French).**

Notification of acceptance - April 1,2016 Final selection / Notification of Acceptance and scheduling information are sent to all submitters

Rappel des dates importantes (2014)

A) February 29– Date limite de remise des abstracts (1 page max)

B) February 29– Date limite de remise posters

C) 1er Avril- Sélection finale - Note d'acceptation / rejet et communication d'informations générales sur la planification

D) AMS Conference, Sfax, Tunisia, May 3rd – 5th, 2016

E) 1er Juin – Date limite de remise des articles associés aux affiches (4 pages max)

CONTACTS:

Abdoulaye Doucoure ablodoucoure@hotmail.com

Jim Barry, Jimbarry7@gmail.com

Posters

A good poster expresses a novel idea in a simple, concise way. Posters are particularly well-suited for ideas that are still "under construction", and to introduce work from early career scientists and students (in Africa). Work submitted as a poster does not need to be complete, but it should have enough substance to be evaluated. AMS seeks to leverage this poster session to find new networking opportunities among experts in Africa.

The poster should be no larger than 40cm high by 90cm, two files 40cm high x 45cm wide are also acceptable. For best results the poster image should be at least 150 dpi. The file size should be no more than 20 MB and should be submitted as a jpeg or PDF. Submission will be online by FTP or Dropbox or Google drive.

How to submit

- Basic information about your submission
- Permissions

Your submission must include the following materials and information:

- **Poster are accepted in both French and English**
- Basic submission information, including
 - submitter name, affiliation,
 - contact information
 - title of the work
 - a single-sentence summary that introduces the achievements of your work (50 words or fewer)
 - and a one-paragraph overview that highlights the innovations or significant accomplishments and contributions to the Membrane Society and the water treatment community (150 words or fewer).
- One "representative image" suitable for use in the conference web site and promotional materials.
- Statement of permissions to use the submitted materials.
- A 300-word description of your submission to be used on the web site.
- A one-page abstract describing your work (PDF). The abstract should include what area you are working in, what is novel about your work, and how this work fits into existing work.
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Here is an example of a good poster:

Abstract	Corresponding Poster Kodom_Djaneye-Boundjou_Bwa
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Photoelectrolytic degradation of Methyl Orange on TiO₂ (P25) deposited on conducting substrates: Effect of H₂O₂ and S₂O₈²⁻

INTRODUCTION

Dyes are a large group of organic compounds used in different fields such as food, textile, cosmetic and chemical processes. Much waste water is produced during these processes. A visible fraction of synthetic or natural organic dyes is lost during the dyeing process and is released in the effluent water streams from the above industries or laboratories (Rajendran et al., 2008). In the field of water treatment, efforts have been devoted to the study of photochemical processes in heterogeneous or homogeneous systems. Of particular interest are the processes on inorganic oxide surfaces since semiconductor, like TiO₂, can provide a convenient way of treating undesirable chemicals.

EXPERIMENTAL SECTION

TiO₂ P-25 was deposited by electrophoresis on non-conducting supports such as stainless steel 304L and conducting glass from Solvotec France. Photoelectrolytic experiments were performed in a flow loop reactor open to air, provided by a 200 cm² surface of this photoelectrolytic layer, volume of treatment 0.5 L solution. A UV-A Black light Blue Lamp (15 W, 365 nm) was used as light source under continuous flow conditions (Fig 1).

RESULTS AND DISCUSSION

Fig. 1. Kinetics of the disappearance of Methyl Orange (MO) at pH 7.

Fig. 2. Effect of the pH on MO degradation.

Fig. 3. Effect of H₂O₂ and S₂O₈²⁻ on MO degradation.

CONCLUSION

The results of our study have shown that the degradation of Methyl Orange dye was successfully carried out using coated TiO₂ on stainless steel. pH, H₂O₂ and S₂O₈²⁻ have a strong effect on the rate of MO degradation.

REFERENCES

Rajendran R, Singh SP, Chatterjee B, Chatterjee SK. *Appl Catal B Environ* 2008; 83: 1-10.

Wang H. *J Appl Polym Sci* 2008; 107: 1-10.

Wang H, Singh SP, Chatterjee B, Chatterjee SK. *J Appl Polym Sci* 2008; 107: 1-10.

Acknowledgments

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Submission

Research Posters

A research poster must describe a novel contribution and show at least preliminary results to demonstrate the effectiveness of the proposed solution. The work does not need to be complete, but it should convince the jury that the approach has promise.

Primary reasons research posters are rejected:

1. The submission materials did not convince the jury that there was anything new in the approach, either because the abstract did not clearly differentiate the work from existing work, or because there were no results or evaluation that demonstrated the potential of the approach.
2. The submission materials did not clearly convey both the problem and the proposed solution. Pictures and videos help a lot, but if the abstract does not adequately convey how the images or videos were made, then the poster is unlikely to be accepted.

Demonstration, Application, or Systems Posters

These are posters that describe how a particular process or application was used, or how a set of existing technologies was linked together to produce a system that achieves a specific goal. The specific technologies need not be new, but the entire system should support doing something that wasn't possible before.

Posters of this type must clearly convey what the overall goal is, what the technologies are, how they fit together, why they were chosen, and how the final system meets that goal.

Primary reasons posters of this type are rejected:

1. It is unclear what the proposed approach is trying to accomplish and why existing tools are not sufficient to accomplish that goal.
2. The submission materials do not clearly demonstrate that the desired goal was reached.

Other reasons for rejection:

1. The submitted poster is just an image, such as a movie poster or piece of artwork.
2. The poster is an advertisement for a product.
3. The format does not comply with AMS submission guidelines

Jurors are asked to evaluate your submission using four criteria: concept, novelty, scientific or technical Interest, and Quality. The final submission score is based on a combination of these factors. For example, a submission that is high quality, has broad appeal, and contains something new is likely to be accepted, while a submission that is incremental, of interest to only a small number of people, and poorly written will probably be rejected.

The poster should be no larger than 40cm high by 90cm, two files 40cm high x 45cm wide are also acceptable. For best results the poster image should be 150 dpi. The file size should be no more than 20 MB and should be submitted as a jpeg or PDF.

Posters will be displayed for the duration of the AMS Conference in Morocco (April '14) and in Mali (Aug 8th 2014). They will stay in Mali as part of the AMS archives. A PDF of the poster as well as the

FAQ

Poster Submission

Should my poster abstract submission be author blind? Should I include line numbers?

No. Poster abstract submissions should include author name and affiliation, as well as title of the work.

Can I include a supplementary video with my poster submission?

Yes! If your submission has an interactive, animation, or simulation component, we strongly encourage you to submit a video demonstrating your work in action, as it is very difficult to evaluate your work without this. Videos can be included as part of the poster presentation session.

I have travel conflicts, and I cannot attend the conference. Can I still submit work to the conference?

Yes !

Can I have an extension?

No. Please schedule your work appropriately.

Is it OK to submit the same content for both AMS Morocco and MSAS Bamako

Yes, but the submission in Mali has a different format than for Morocco and may not be digitally printed.

What are the maximum dimensions of poster prints?

The poster should be no larger than 40cm high by 90cm, two files 40cm high x 45cm wide are also acceptable.

Will you print my submission or should I create the poster myself?

We will print your submission, bring it to Morocco and post it for you.

What does a poster look like?

One example of a good poster is linked above. Yours may differ significantly.

Poster Presentation

If a poster has multiple authors, do we all need to stand by the poster during our session?

During the session, the poster may be staffed one or more persons. You do not all need to stand by the poster throughout the session. In fact, you may wish to "tag team", taking turns at your own poster and seeing the other posters in the session.

Can I bring a poster with me which meets AMS size requirements or MSAS size requirements?

Yes

Can I ship it to the convention center?

AMS does not accept posters shipped to the convention center. Please bring your poster with you if you anticipate attending.

Where in the convention center will my poster be located?

You will receive detailed information regarding the exact location of your poster at the convention center. Typically, there are student volunteers who staff the poster area, and they can help you identify where your poster will be presented.

I would like to give a demo during my poster presentation. Is this possible?

Poster presenters are encouraged to demo their work during the poster sessions, using their own laptops or tablets, in front of their posters.

Will tables be provided for each poster?

The available space for tables varies from convention center to convention center. We try to provide tables for presenter use, but we cannot promise there will be tables available. If we do have tables, we cannot promise every poster will get one. We will need advance notice if you require a table.

Will I have an Internet connection for my laptop?

Access varies from convention center to convention center, we will have more details as the Conference date approaches. Please be aware the wireless is often slow, as many

people try to access it simultaneously. If you wish to present a website please download the files to your computer so that this will not be a problem.

Will AC power be available for my laptop or other devices?

We can't promise that AC power outlets will be available for everyone. Please charge your batteries before the session.

Can I leave my laptop or other equipment there before or after the session?

No! The poster sessions are in unsecured open areas. Take your laptop and all your gear with you.