



**PRO
MEMBRANE**

**Promotion and Focussing of Current Research
Activities of Membrane Technology in Water
Treatment in the Mediterranean Region**

General Presentation about the Young Scientific Award

Regional Fair in Syria,
Homs 9th September 2007

Aims of the YSA

- **to recognise outstanding research (Ph.D, Master, Bachelor, etc.) from university students, graduate students and post graduate students from each region of the Mediterranean Partner Countries and reward their research in the field of membrane technology.**
- **to support promising scientists and researchers at the beginning of their careers for continuing scientific progress.**
- **to encourage the permanent participation of young students and researchers from the Mediterranean Partner Countries (MPC) in the field of membrane technology.**

Contest of YSA

- The "Young Scientist Award" seeks to recognise outstanding research of young scientists from the Middle East and North Africa, and reward their research in the field of membrane technologies for sustainable treatment and reuse of water and wastewater in the Mediterranean zone.
- The contest will be carried out separately in two regions:
 - Region A: Middle East, including Syria, Palestine, Lebanon and Jordan.
 - Region B: North Africa, including Egypt, Libya, Algeria, Tunisia and Morocco.

The Award consists of the following:

- **The best three works from each region (Middle East and North Africa) are selected by the Scientific Committee according to the criteria defined**
- **Authors from the works selected were invited to present at the corresponding Regional Fair (Syria/Egypt, 2007) and at the International Conference (Tunisia, 2008). Travel expenses will be covered if the author is not coming from the host city (Homs/Cairo, Sfax, respectively).**
- **The first place of each Region will get a 600Euro cash prize at the International Conference (Tunisia, 2008).**
- **All works selected will be included in the International Conference Proceedings Publication and in the online ProMembrane database.**

Eligibility criteria

- **To be considered eligible for the Young Scientist Award, potential candidates must meet ALL criteria indicated below:**
- The candidate should be citizen (**and live in**) of one of the project target countries

For Region A

- Syria,
- Palestine,
- Lebanon,
- Jordan,

For Region B

- Egypt,
- Algeria
- Libya
- Tunisia
- Morocco

Eligibility criteria

- The candidate should have no more than 35 years of age as of the 1st. of January 2007.
- The candidate should have one of the following academic/research status:
 - M. Sc. student,
 - PhD student
 - Post-doc.
- The works eligible for participation are:
 - PhD thesis,
 - Review paper
 - Research paper.

Eligibility criteria

- The work should be conducted in (or in cooperation with) an institution from one of the countries belonging to the region A or B.
- The research field of the work submitted should focus on membrane technologies for water and wastewater treatment, reclamation and reuse:
 - Technology used: Reverse osmosis, Nanofiltration, Ultrafiltration and Microfiltration, Dialysis or Membrane bioreactor (combination of membrane filtration and bioreactor).
 - Final application: Drinking water, Municipal and/or industrial treatment and reuse, Surface water, Desalinisation.
- The candidate's work should address one or several project target countries (Syria, Palestine, Lebanon, Jordan, Egypt, Libya, Algeria, Tunisia or Morocco).
- All information and documents requested for the first-step of the evaluation should be provided in English.
- Documents requested in the second-step of the evaluation could be submitted in English, Arabic or French.

Application process

- **Candidates who meet all criteria mentioned above can apply for the Young Scientist Award Region A: Middle East or Region B: North Africa. The application must be submitted via the Online Application Form that corresponds to the Region they come from:**
- **Young Scientist Award Region A: Middle East (YSA Regional Fair in Syria)**
- **Young Scientist Award Region B: North Africa (YSA Regional Fair in Egypt)**
- **As part of the Application Form, the candidate must provide a Description of Work, using the template.**

Information and documents to be submitted by the applicant

- **For the first-step of the evaluation, the candidates must provide the information and documents requested in the Online Application Form available in the project website. The information and documents requested are the following:**
 - General information (name, age, gender, institution, department, address, phone, etc.)
 - CV (three pages maximum, PDF format)
 - Description of work (using the template available online)
 - Topic addressed
 - The contact details of at least one Referee
- **At this stage, all information should be provided in English. For the second-step of the evaluation, the full work of those candidates that pass the first step will be requested (this could be sent in English, French or Arabic).**

Technical evaluation criteria

- **Degree of innovation (threshold 3/5; weight 1)**
- **Results / feasibility of the application (threshold 3/5; weight 1)**
- **Relevance for the region (threshold 4/5; weight 1)**
- **Potential impact for the regio (threshold 4/5; weight 1)**
- **Clarity of objectives, scientific quality, presentation of the work (threshold 4/5; weight 1)**

Total threshold 19/25; weight 25

Scientific committee

Dr. Hussein Abdel-Shafy, National Research Center (Egypt)

Dr. Tom Arnot, University of Bath (UK) - external

Dr. Rashed Al-Sa`ed, Birzeit University-Palestine (West Bank Palestine)

Dr. Fouad Atallah, Al-Baath University (Syrian Arab Republic)

Dr. Alessandra Criscuoli, Research Institute on Membrane Technology (Italy)

Dr. Abdelhafidh Dhouib, Centre of Biotechnology at Sfax (Tunisia)

Dr. Enrico Drioli, Research Institute on Membrane Technology (Italy)

Dr. Alberto Figoli, Research Institute on Membrane Technology (Italy)

Dr. Adnan Ghata, Al-Baath University (Syrian Arab Republic)

Ms. Antonia Lorenzo, BioAzul (Spain)

Dr. Ziad Mimi, Birzeit University-Palestine (West Bank Palestine)

Marianne Nyström, Lappeenranta University of Technology (Finland) - external

Dr. Sami Sayadi, Centre of Biotechnology at Sfax (Tunisia)

Dr. Gerhard Schories, ttz - Bremerhaven (Germany)

Ana Maria Urtiaga Mendia, University of Cantabria (Spain) - external

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Young Scientist Award Middle East

Country appl.	Applicant	Evaluator	Country eval.	Score	Total score	Rank
Syria	Daad Hasan	Enrico Drioli	Italy	22	47	2
		Gerhard Schories	Germany	19		
		Tom Arnot	UK	6		
Syria	Shadi Shaheen	Rashed Al-Saed	Palestine	18	44	3
		Enrico Drioli	Italy	21		
		Tom Arnot	UK	5		
Syria	Yehya Khanjarly	Abdelhafidh Dhouib	Tunisia	7	31	4
		Enrico Drioli	Italy	21		
		Tom Arnot	UK	3		
Syria	Mohammad Issa	Enrico Drioli	Italy	23	50	1
		Gerhard Schories	Germany	19		
		Tom Arnot	UK	8		

Young Scientist Award North Africa

Country appl.	Applicant	Evaluator	Country eval.	Score	Total score	Rank
Egypt	Mostafa Ali	Gerhard Schories	Germany	6	25	
		Enrico Drioli	Italy	19		
		Tom Arnot	UK	0		
Egypt	Sally Ibrahim	Gerhard Schories	Germany	22	63	2
		Enrico Drioli	Italy	22		
		Tom Arnot	UK	19		
Egypt	Basem Sayed Abbas Ahmed	Gerhard Schories	Germany	12	31	
		Enrico Drioli	Italy	19		
		Tom Arnot	UK	0		
Tunisia	Alhem Saddoud	Gerhard Schories	Germany	19,5	65	1
		Enrico Drioli	Italy	24		
		Tom Arnot	UK	21,5		
Tunisia	Amal Zayen Trabelsi	Gerhard Schories	Germany	16	54	
		Enrico Drioli	Italy	23		
		Tom Arnot	UK	15		
Tunisia	Firas Feki	Gerhard Schories	Germany	18	60	3
		Enrico Drioli	Italy	23		
		Tom Arnot	UK	19		

Thank you for your