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DETROIT POST  
DEDICATED TO THE NATIONAL DEFENSE

THE SOCIETY OF AMERICAN MILITARY ENGINEERS

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OCTOBER 2009 SAME MEETING

**TOPIC:** World's First Solar Distillation System  
(Earn 1 Professional Development Hour)

**SPONSOR:** Trace Analytical Laboratories

**SPEAKER:** Mr. Hammam Battah, CEO and Mr. Perry Mehta, COO, will discuss Solar Water Energy, LLC's two new U.S. Patent and Trade Mark Office technologies called Solar Distillation System (SDS) AND Solar Thermal Energy Conversion System (STECS) with two different plants: On-Shore and Off-Shore. These plants convert ocean water and brackish water into pure drinking water. The success of the patent's approval has resulted in the installation of an On-Shore Pilot Plant. The plant is implementing the SDS technology and has been operating since May of 2008 utilizing solar energy to run the entire plant. Short biographical sketches of the presenters are included in the newsletter.

**DATE:** Wednesday, October 14, 2009

**TIME:** 11:30 am until 1:00 pm Luncheon/Luncheon Speaker

**PLACE:** Doubletree Guest Suites Fort Shelby, 525 W. Lafayette Blvd., Detroit, MI  
(Fort Lernoult Conference Room – located on the second floor of the Doubletree)

**MENU:** CITRUS CHICKEN – served with artichokes, leeks and capers in lemon  
buerre blanc sauce, includes house salad, chef's choice of vegetable and potatoes,  
rolls and butter, freshly brewed coffee, decaffeinated coffee, iced tea and a dessert.

NOTE: Vegetarian meals are available only with advance registration.

**PRICE:** \$25.00

**RESERVATIONS:** E-mail [Pam.Horner@usace.army.mil](mailto:Pam.Horner@usace.army.mil) by noon October 12, 2009.

**BOARD OF DIRECTORS MEETING:** Will be held at the Doubletree Fort Shelby, 10:30 a.m. Second Floor Conf. Rm., adjacent to the Fort Lernoult Conference Room.

SUSTAINING MEMBERS

|                                |                                 |                               |                               |
|--------------------------------|---------------------------------|-------------------------------|-------------------------------|
| A & H Contractors              | ADP Consulting, Inc.            | AECOM                         | AMEC                          |
| Barr Engineering Co.           | C2AE                            | Clayco, Inc.                  | Collins Engineers, Inc.       |
| CTI and Associates, Inc.       | Foth                            | FutureNet Group               | Ghafari Associates            |
| Gourdie/Fraser & Assoc.        | GZA GeoEnvironmental, Inc.      | HNTB                          | HWS Engineering               |
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**DETROIT POST S.A.M.E. NEWSLETTER**  
**OCTOBER 2009**

**DETROIT POST WEB SITE:** Please note that the Detroit Post web site is: [www.same-detroit.org](http://www.same-detroit.org). You can find out about current meetings, and past meeting information.

**STUDENT CHAPTER – University of Michigan ROTC** – We are pleased to announce that a new student chapter of the Detroit Post hosted an open house meeting on September 22, 2009 at the University of Michigan to generate membership. Future meeting dates will be announced through our newsletter to Post members. LTC Jan Malaikal will be looking for speakers at future meeting dates, so if you have any suggested meeting topics that would be of interest, please let the Post Secretary know and we will pass it on to the student chapter.

**2009 REGIONAL CONFERENCE:** The 2009 Regional Conference committee wishes to thank to those that participated in the conference, and especially to the volunteers that helped on all the sub-committees. A special thank you is due to the sponsors of the conference. We had a very successful conference, thanks to everyone's help.

The presentations from the workshop are available on our web page at: [www.same-detroit.org/09regional.html](http://www.same-detroit.org/09regional.html) under the 2009 Regional Conference.

**READINESS COMMITTEE:** The Readiness Committee has updated the Readiness Plan. If you are a new Sustaining Member to SAME – Detroit Post, please submit your capability for Readiness to Drew Lonergan so he can include your firm in our current plan. Drew can be reached at (248) 264-4015.

**EDUCATION/TRAINING:** The Detroit post encourages members and sustaining members to submit articles to The Military Engineer or other professional journals. Please let us know when you submit articles so that we can include it in our Education/Training Streamer submittal for the Detroit Post, by e-mailing the Post Secretary at [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil).

**MEMBERSHIP:** It is very important that you keep your membership contact information current. Without current contact information for our members, the Detroit Post and SAME HQ are unable to send out important membership information such as membership cards, certificates, magazines and invoices. Additionally, if SAME HQ does not have current information on members, the membership Post Roster reports will reflect outdated information and result in members not being contacted with important information. Currently, SAME HQ receives quite a bit of return mail and e-mail each month for incorrect addresses and/or no forwarding address. The U.S. Post Office charges a fee for returned mail and SAME HQ would prefer to put this money to better use.

You can update your contact information by using the change of address card found in every issue of *The Military Engineer* magazine, by mailing, faxing or e-mailing their change of address information to SAME HQ, or by going online to [www.same.org/memberupdate](http://www.same.org/memberupdate). Keeping your contact information current benefits you and the entire Society.

Please be advised that presently the SAME Web site requires two different logins depending on the Web activity. For all members who wish to view "Member's Only" areas such as Society, Regional and Post Operations, and Member Benefits must use their last name and six-digit numeric member ID. Individual members, who wish to update their contact information, must use the e-mail address we currently have on file for them and a unique password. If they do not know their password or have forgotten it, they can e-mail the membership department at [member@same.org](mailto:member@same.org). Sustaining Members must use their last name, member ID and e-mail address in order to update their contact information using the web. If there is no e-mail on file in your membership records, you need to call SAME HQ membership department and have then input your e-mail.

Much effort is required to address undeliverable mail and we greatly appreciate your assistance in updating your contact information to make this job easier.

**COMMITTEES:**

**PROFESSIONAL DEVELOPMENT:** The Detroit Post offers Professional Development Hour (PDH) credits for attendance at designated SAME events. The Professional Development Committee will maintain records and track PDH credits earned by attendees at Post events. PDH certificates will be provided at the monthly luncheons meetings.

**AFFILIATE SOCIETY:** PLEASE VISIT THE ESD CALENDAR OF EVENTS FOR SCHEDULED EVENTS ([www.esd.org](http://www.esd.org))

**SPEAKER BIO:** As the inventor and CEO of Solar Water Energy, LLC, Mr Battah has a BS in Civil Engineering, MS in Civil Engineering and is a PE. He has over 40 years of experience in the construction and management of water and wastewater treatment plants and industrial plants. Mr. Battah has been working in the water industry all over the world including Germany, Italy, France, and Iraq. Before starting Solar Water Energy, LLC in 2007, Mr. Battah worked for the Detroit Water and Sewerage Department as a Senior Associate. He has recently had TWO patents approved for his brand new technology for Solar Distillation System and Solar Thermal Energy Conversion System.

Mr. Mehta has a BS in Civil Engineering and a MS in Environmental Engineering. He is the founder and Chief Operating Officer of Solar Water Energy, LLC as well as President and Chief Executive Officer of FutureNet Group, Inc., both Detroit based companies. He has 18 years of experience in construction and environmental fields and belongs to a number of nationally recognized engineering and environmental societies. He has been on the Board of Directors of three Affiliate Societies including President of American Society of Engineers of Indian Origin.

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**SUSTAINING MEMBER NEWS**  
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Hello SAME Sustaining Members,

Monthly Sponsors – The Detroit Post invites one of our members to sponsor the monthly luncheon. The cost is \$300.00, which will pay for the room and equipment rental. You will also be given a 5-minute spotlight to present an overview of your company. Please contact Pam Horner is interested in sponsoring a monthly luncheon at [pam.horner@usace.army.mil](mailto:pam.horner@usace.army.mil).