



2014-2015

March Meeting Notice

Minnesota Geotechnical Society

A Tale of Two Brothers – A Little Bit of World War II History

and

Electro-Osmosis at the Pic River Bridge

Merv Mindess

This presentation provides brief biographies of two Austrian brothers – Arthur and Leo Casagrande. Arthur was one of the true pioneers in the discipline of Soil Mechanics/Geotechnical Engineering. His younger brother, Leo, was the first practitioner to use a form of soil improvement called electro-osmosis. The interesting dynamic is that while Arthur was an educator at an elite American university during World War II, Leo was a first lieutenant in the German Army Air Corps, and a consultant to the German government. A few interesting facts about World War II are presented in the context of the brothers' biographies.

The presentation also includes a case history involving the use of electro-osmosis in Canada by Leo Casagrande. Since the project occurred over 50 years ago, and monitoring continues to the present time, the efficacy of this soil improvement method can be deduced.

Date: Wednesday March 11, 2015

Location: Rose Vine Hall (downstairs at Grumpy's Bar & Grill)
2801 Snelling Ave. N., Roseville, MN

Time: 6:00 Social Hour – Sponsored by AET

7:00 Dinner: Salad, Rolls, Coffee/Soda and a choice of:

1. 10-Ounce Top Sirloin - Char-grilled and topped with bleu cheese garlic butter. Served with white cheddar mashed potatoes and a sautéed vegetable medley – \$35.00
2. Chicken Marsala - A chicken breast lightly breaded and drizzled with marsala wine sauce, mushrooms and onions– \$35.00
3. Feta Cheese and Sun-Dried Tomato Stuffed Walleye - Served over white cheddar mashed potatoes with a drizzle of lemon thyme butter sauce – \$35.00
4. Chicken Fettuccine Alfredo - Fettuccine noodles, snow pea pods, and mushrooms tossed in an Alfredo cream sauce and topped with a grilled chicken breast and parmesan cheese – \$30.00
5. Cobb Salad - Iceberg topped with turkey, ham, bacon, hard cooked eggs, avocado, diced tomatoes, bleu cheese crumbles, and black olives with choice of dressing (Ranch, Fat Free Ranch, Bleu Cheese, French, Fat Free French, Italian, Fat Free Italian, Balsamic Vinaigrette) – \$25.00

8:00 Presentation – Merv Mindess
(One professional development hour toward continuing education requirements for Professional Engineers is available).

Cost: Paid 2014-2015 MGS Members receive a \$5 meeting discount on the meal costs listed above. The cost for full-time students is \$5, payable to MGS at the door.

Reservations: Requested by 12 Noon, Friday, March 6, 2015

President	Vice President	Secretary	Treasurer	Program Chair	ASCE Chair	Past President	Duluth Representative
Joel Swenson	Josh Van Abel	Kurt Schimpke	Bill Cody	Kyler Bender	Joe Bentler	Kurt Heckendorf	Marty Halvorson
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