



STEALTH – Artificial Intelligence for Catching Tax Cheats

MEETING DATE: Friday, March 29, 2019

TIME: 11:30 AM: Cash bar – **12:00 PM:** Luncheon

PLACE: Cape Codder Resort & Spa, 1225 Iyannough Road, Hyannis, MA

Special Guest and Speaker:

*Erik Hemberg, PhD-and Research Scientist
researcher in the ALFA Group in CSAIL*



Dr. Hemberg, PhD, will talk to us about his project, STEALTH (Simulating Tax Evasion And Law Through Heuristics). As described on the Computer Science and Artificial Intelligence Laboratory (CSAIL) ALFA Group’s website (<https://alfagroup.csail.mit.edu>) “The project’s goal is to develop technology that enables the discovery of non-compliant partnership transaction patterns. Through the use of partnerships and other “flow-through entities”, taxpayers underreported more than \$91 billion of income annually between 2006 and 2009 (GAO-14-453), and the trend shows little sign of stopping.”

Who will use this research? Will it be the legislators? Can the research be transferred into technology? How will STEALTH “learn”? Can STEALTH detect avoidance of tax law? Can STEALTH learn from past tax returns and the dispositions made about them? The project targets partnerships and other flow-through entities; why them? Are there other compliance-monitoring, AI applications in use today? Contemplated? What makes STEALTH different from, say, insurance company fraud detection applications or credit card bogus transaction detection applications? Erik will help us understand these and other questions.

Cost \$30 Per Person: MEAL: Starter: **Caesar Salad**; Entrée Choices: (1) **Stuffed Chicken Breast** with Cranberry and Sage Stuffing; (2) **Stuffed Sole** with Seafood Stuffing and Lobster Sauce; (3) **Other** – select this and advise us of your special dietary needs (vegan, vegetarian, gluten free, allergy, etc.); Dessert: **White and Chocolate Mousse Parfait**

Registration is open to all members of the Club Community. We ask that returning registrants support the operation of the Club by becoming Club Members. The event is also open to members of an invited Club or a guest. You may register online with credit card at the MIT Club website: <http://CapeCod.AlumClub.MIT.edu/> or by mailing the registration form, below, with your check made payable to Cape Cod Club of MIT, P.O. Box 761, Harwich Port, MA 02646. **Only reservations received by close of business, Tuesday, March 26, with payment can be accepted.** Also, no refund can be made if requested past that date.

	Meal Choice	Amount
MARCH 2019	Member Name: _____	\$ _____
	Club Affiliation _____	
	If Meal Choice 3, what is special need (_____)	
	Guest Name: _____	\$ _____
	If Meal Choice 3, what is special need (_____)	
	Education Fund Gift (optional, tax deductible) _____	\$ _____
MIT Club Dues for 2019 (if not already paid) in the amount of \$35 _____	\$ _____	
TOTAL ENCLOSED		\$ _____

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