

**36 th ANNUAL EASTERN VHF/UHF CONFERENCE
OF THE
EASTERN VHF/UHF SOCIETY
& the
NORTHEAST WEAK SIGNAL GROUP**

APRIL 16, 17 & 18, 2010

CROWNE PLAZA HOTEL, ENDFIELD, CT 06082

CONFERENCE INTRODUCTION

As a result of a lot of hard work by your committee, we will once again be having an excellent full program this year. It is becoming more difficult each year as we all grow older and lose some members and in addition the cost of holding a conference continues to increase. We are exploring alternate possibilities as many of us are on fixed incomes and attendance becomes difficult. Our members, supporters and friends have blessed us with an abundance of speakers, presenters and door prizes once again to help add to, our enjoyment. An effort was made to improve our conference by carefully evaluating the critiques we received last year. This year's program is a result of that input.

A key note for this conference is the coinciding with the Moons of Apollo activity weekend. The Arecibo 1000" dish will be active on 432 MHz EME. We plan to have a station active Saturday afternoon during the moon window set up in the rear parking lot. We should have 2- 33 element yagis set up on several tower sections, the equipment will consist of an Elecraft K3 rig with a DEM 432 MHz transverter, 3500W solid state amp and an 8938 432 MHz amp for QRO power. A schedule is being arranged by Joe Taylor, K1JT who will be active from the site for the weekend.

This year we have speakers from the North East area. The Noise Figure Technical Laboratory Session was extremely well received over the past years and has been expanded to cover up to 50 GHz and will be in operation for half of the Conference on Saturday afternoon. We encourage you to bring a preamp or converter to debug, tune up or measure its performance with some of the newer type test equipment. We have once again, brought back by demand the famous "Band Rap" sessions. These sessions will share a conference room with the Technical Laboratory for one half day each.

Arrangements were made for larger rooms this year to help with overcrowding during the Lab sessions. This year we were able to obtain contiguous lab and seminar rooms eliminating the short walk of last year. The Crowne Plaza Hotel continues to be extremely accommodating with the Conference room selections and the convenience of the larger rooms.

Breakfast and lunch meals are available in-house for those who like to eat here and will provide speedy service. Local offsite dining is also available nearby off-site.

We have Greg Bonaguide, WA1VUG of Rohde & Schwarz to help manage the preamp noise figure measurement workshop (50 MHz - 50 GHz). Antenna measurements will be held this year for 5 & 10 GHz on Sunday morning run by Paul Wade, W1GHZ. This year's VHF-SHF Trivia Quiz will be hosted by Dave Olean, K1WHS an old timer with this elite group. The Sunday morning Flea Market will once again be hosted by Mark Casey, K1MAP.

A CD ROM Proceedings book with the event schedule and many interesting articles is included with your registration and will be presented to you when you register.

This year's conference speakers and proceedings book present many new and oldie but goodie construction articles and also deals with the application of these technical issues to enhancing operating techniques and methods. Moonbounce, Contesting, Microwave Projects and others are all explored in the light of advancing technology. This year's proceedings journal contains several reprints of "Oldie but Goodie" articles and reprints of noteworthy articles reprinted from various newsletters and journals worldwide. We heartfully thank those members of the North Texas Microwave Society (NTMS), San Bernardino Microwave Society (SBMS), San Diego Microwave Group (SDMG), Radio Society of Great Britain (RSGB), PackRats, NorthEast Weak Signal (NEWS) Group and others for their contributions.