



Transport Information Days

Brokerage event
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Project Coordinator

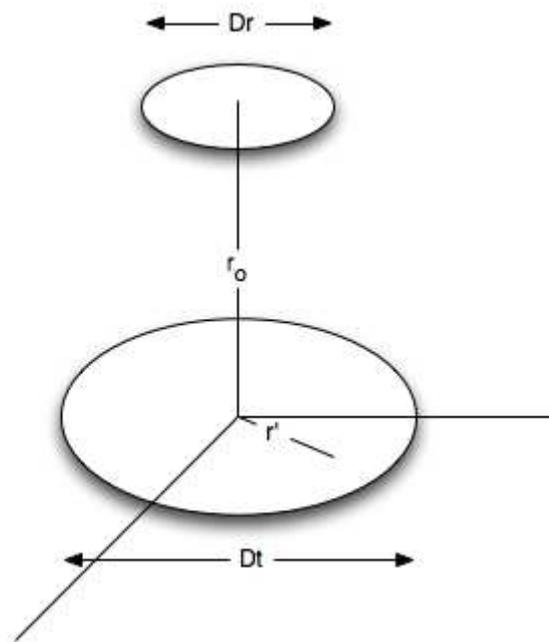


- Contact Details:
 - Prof.Dr.Arie Lavie, arlavie@zahav.net.il
 - **Creative Technologies Israel**, www.cti-creative.com/
 - SME R&D company founded in 1987 in cooperation with the International CTC- Creative Technologies Corporation aiming at developing innovative multi -disciplinary Science and Technology projects.
 - The President of CTI is Prof. Dr. Arie Lavie and the staff of the company consists of qualified scientists, engineers and technicians, including 5 scientists who act as full visiting Professors in distinguished Institutes of Technology&Universities.
 - CTI has established different International Science and Technology Projects and is experienced in managing them. CTI was the coordination company of the “USE HAAS” FP6-2002-Aero-2 project.

WIRELESS POWER TRANSMISSION TO RANGE EXTENDER OF ELECTRIC VEHICLE (EV)



Figure1. Power Beaming Geometry



- **Topic: GC.SST.2013-1.** Feasibility analysis and technological development of on-road charging for long term electric vehicle range extension (CP)
- **Objectives of proposal:** Non Plug In Technology for Range Extender of EV
- **Proposed Technology:** Microwave Beaming Wireless High Power Transmission to EV
- **Requirements of System Elements:**
- Microwave Beaming Horn Transmitting Antenna D_t of tens of KW to few EVs
- Microwave Beaming Horn Receiving Antenna (RECTENNA) of 1 KW D_r

Partner Profile



- **Skills of partner organisation :**
know how in charging EV
- **Topics that are interested in:**
Wireless Power Transmission
- **Partner Involvement in
previous / ongoing projects in
the area:**
Desirable involvement in R&D and
tests provision

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