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A close-up photograph of a bee is the background for the right side of the image. Overlaid on the bee is a complex, futuristic digital interface with various lines, grids, and glowing elements in shades of orange, red, and yellow. The interface appears to be a control panel or data visualization system.

**New project
for sustainable agriculture**

THE PROBLEM:

The invasion of alien species Marmorated stink bug (*Halyomorpha Halys*).



IDEA:

Use the discoveries on vibrational communication, thanks to collaboration with FEM (Fondazione Edmund Mach) to attract insects in to close confined area. Act on the aggregated population for:

- decide precisely the timing for treatments
- make massive catches
- achieve more effective control

DEVELOPMENTS DONE:

Construction of an emitter able to reproduce the call of female and attract males to a specific place.



CURRENT AND FUTURE DEVELOPMENTS

- Creation of monitoring traps
- Creation of traps with large containment capacity
- Creation of killer traps with low intensity energy
- Creation of traps with different killer systems

