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Bi-Liquid Hydrogen Generation Using Familiar Materials
JEREMIAH CRONIN, American Physical Society — Greater acceptance of Fuel Cell Power Systems has been greatly constrained due to the lack of a low cost, energy dense, and convenient hydrogen source to fuel these systems. This talk will present a novel bi-liquid approach to resolving current impediments to mobile hydrogen production, and how current R&D is applicable to this bi-liquid approach. The implications of this bi-liquid fueling concept on other primary Fuel Cell subsystems, and an approach to commercial implementation will also be presented. The closing remarks will additionally identify benefits to the nation beyond those normally envisioned in the promise of a hydrogen based economy.

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