

## Kaplansky-Hilbert modules arising from weakly continuous Hilbert bundles

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If  $\Omega$  is a continuous bundle of Hilbert spaces over a compact extremely disconnected Hausdorff space  $\Delta$ , then the space  $\Omega_{\text{wk}}$  of weakly continuous (relative to  $\Delta$ ) vector fields is a  $C^*$ -module over the abelian  $C^*$ -algebra  $C(\Delta)$ . The bundle  $\Omega$  is a  $C^*$ -submodule with trivial orthogonal complement. The  $C^*$ -algebras  $K(\Omega)$  and  $K(\Omega_{\text{wk}})$  of “compact” endomorphisms of  $\Omega$  and  $\Omega_{\text{wk}}$ , respectively, are liminal  $C^*$ -algebras with injective envelope  $B(\Omega_{\text{wk}})$ , the  $C^*$ -algebra of all bounded (adjointable) endomorphisms of  $\Omega_{\text{wk}}$ . This is joint work with M. Argerami (Canada) and P. Massey (Argentina).