All-metal ?-antiaromaticity in dimeric cluster anion {[CuGe9Mes]2}4-
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In this work, we report a dimeric cluster anion, {[CuGe9Mes]2}4-, which was isolated as the
[K(2,2,2-crypt)]+ salt and characterized by using single-crystal X-ray diffraction and ESI mass
spectroscopy. The title cluster represents the first locally ?-antiaromatic compound in the solid state,

as well as the first heteroatomic antiaromatic compound. This journal is © The Royal Society of

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