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# Polyphase tectonics in fold-and-thrust belts: the role of structural inheritance in the Jura



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Flavien Choulet is Associate Professor at Université Marie et Louis Pasteur at Besançon, France. After a PhD on the tectonic puzzle of Central Asia, he has studied fluid-rock interactions in carbonate fold-and-thrust belts (Morocco, Iran, Jura), including base metals mineralization, hydrogeological watersheds, and fluid flows along faults and fractures. His current research focuses on the polyphase tectonic and fluid evolution recorded by calcite veins in the Jura. He is also working on interactions between sediments, fluids and magma, and their effects on geochemical cycles of S and C.