Abstract: We consider a real analytic map $f$ from $\mathbb{R}^4$ to $\mathbb{R}^2$ with a singularity at 0. One method to investigate the singularity is to work on its link $L$. If 0 is an isolated singularity then it is well-known that $L$ is a fibered link in the 3-sphere $S^3$. This describes immediately a contact structure on $S^3$. In this talk we suggest that even if 0 is not an isolated singularity, we can associate to the singularity a well-defined stable Hamiltonian structure on $S^3$, provided that $f$ describes a Seifert fibration on $S^3$, $L$ being a multi-link in this fibration. This condition is satisfied, for example, when $f$ is complex analytic or $f$ is given as $gh$ with $g$ and $h$ being complex analytic. If the link is already fibered, the stable Hamiltonian structure is nothing but the contact structure mentioned above. Our construction is in fact far more general: given a Seifert multi-link (not necessarily associated to a map from $\mathbb{R}^4$ to $\mathbb{R}^2$) in a Seifert fibered 3-manifold, we build a well-defined stable Hamiltonian structure on the 3-manifold.