In the past decade, cryptocurrency as an emerging asset class has gained widespread public attention because of their extraordinary returns in phases of extreme price growth and their unpredictable massive crashes. We proposed an advance bubble detection methodology based on the log-periodic power law singularity (LPPLS) model for identifying bubbles of the cryptocurrencies including Bitcoin, Bitcoin Cash, Litecoin, Ethereum, and Ethereum Classic. We found that the LPPLS confidence indicator based on this new method is an outstanding instrument to effectively detect the bubbles and accurately forecast the bubble crashes, even if a bubble exists in a short time. We method can provide real-time detection of bubbles and advanced forecast of crashes to warn of the imminent risk of cryptocurrency bubbles. (Received September 17, 2019)